

Appendix A – Detailed Scenario Modeling Results

Table of Contents

No Incremental Silviculture	2
Reduced Planting Densities	14
Enhanced Reserves.....	28
Enhanced Reserves with Limited Harvesting.....	41
PI Intermediate Harvest.....	54
Late Fertilization.....	67
Multiple Fertilization	79
Loss of Marginal Stands 1.....	92
Loss of Marginal Stands 2.....	104
Rehab of Impacted Unsalvaged Stands.....	117
Extended Uplift.....	129

No Incremental Silviculture

Timber Supply Indicators

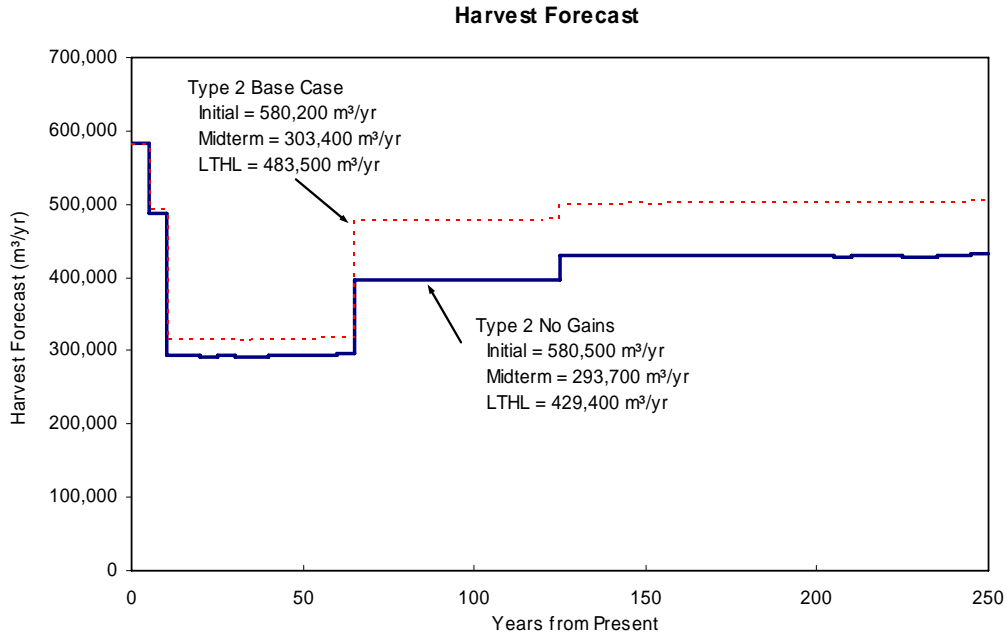


Figure 1 . No Incremental Silviculture harvest flow projection compared to Type 2 Revised Base Case.

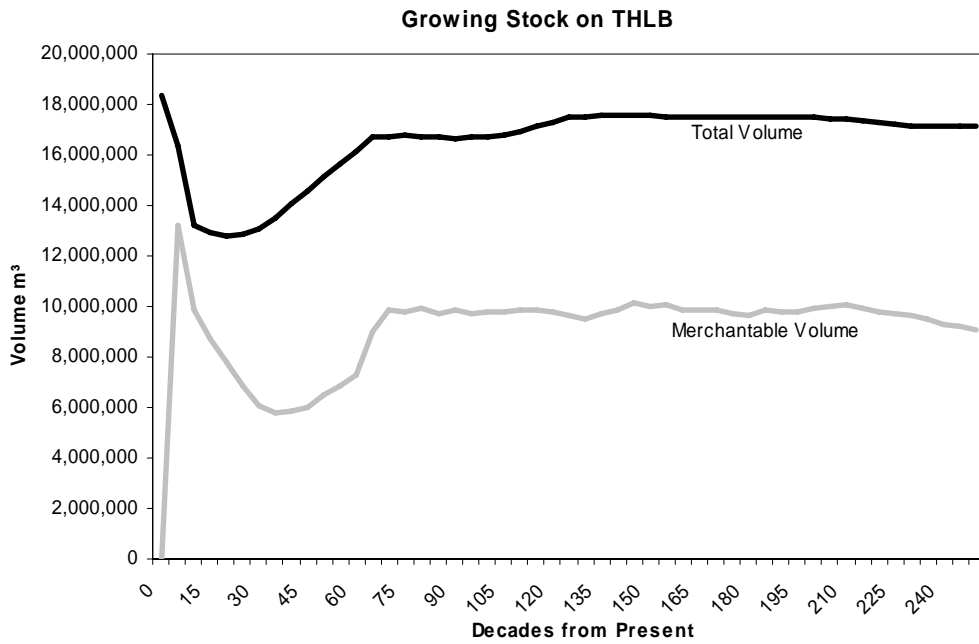


Figure 2. No Incremental Silviculture merchantable and total growing stock (THLB).

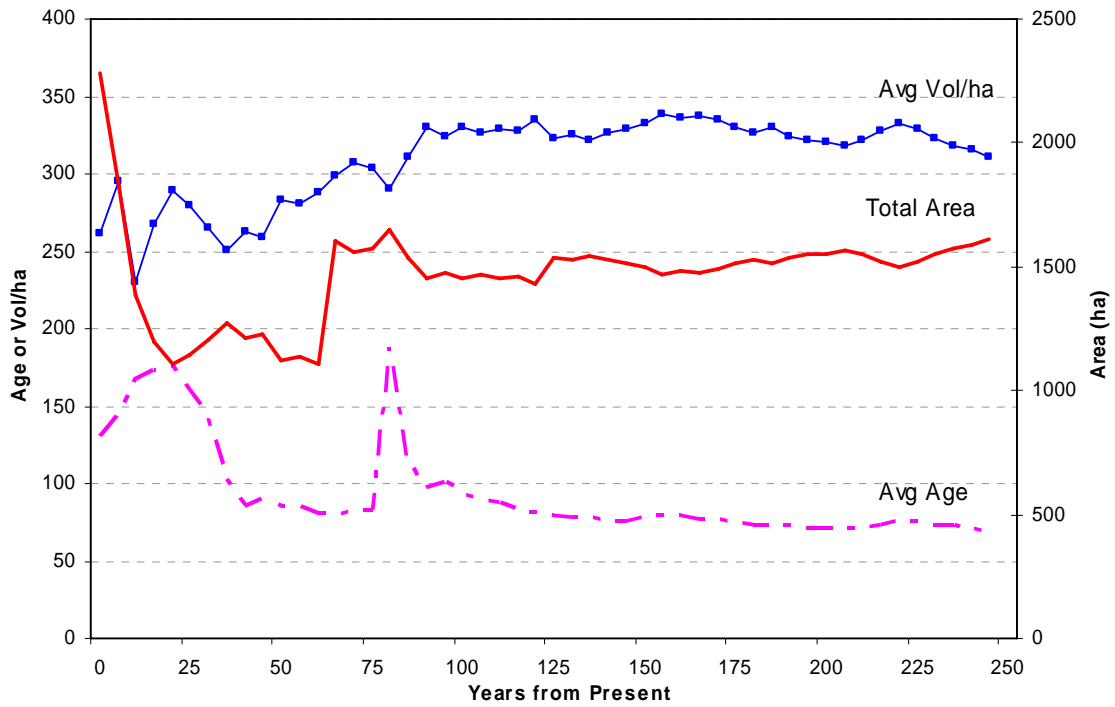


Figure 3. No Incremental Silviculture average harvest age / volume / areas.

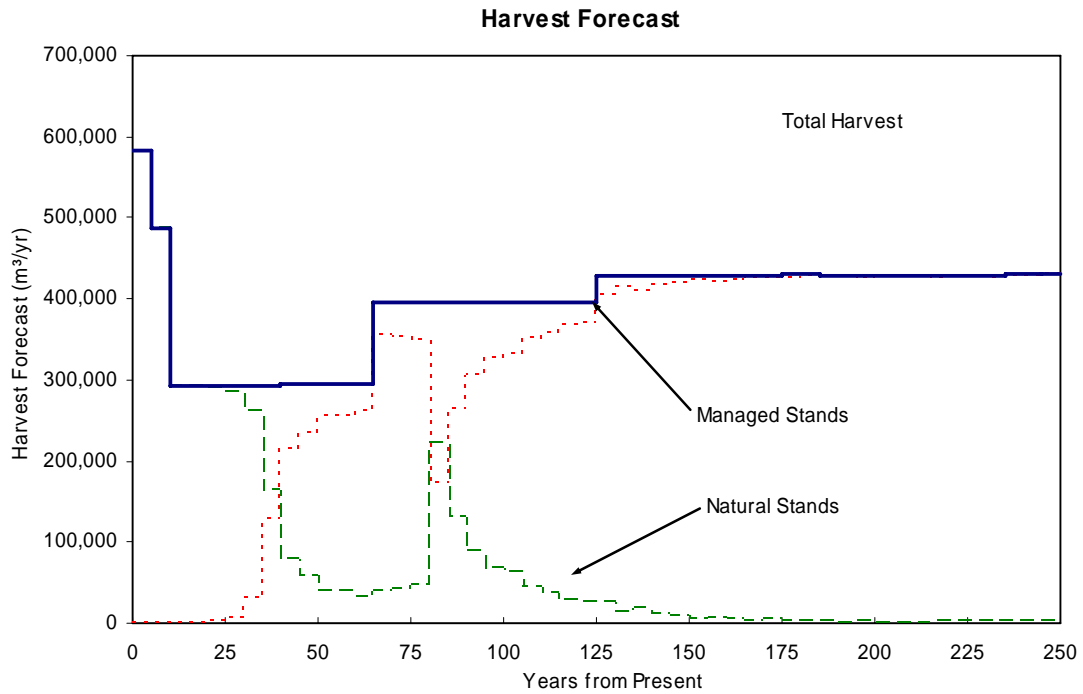


Figure 4. No Incremental Silviculture transition of natural stands to managed stands.

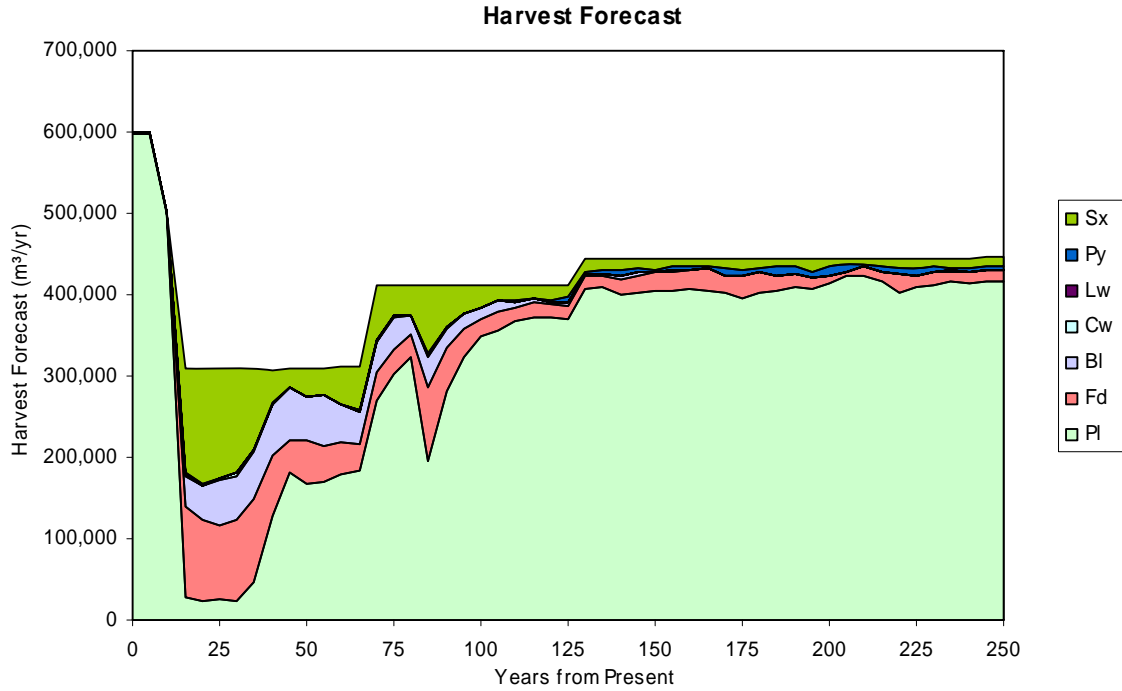


Figure 5. No Incremental Silviculture projected tree species contribution to harvest

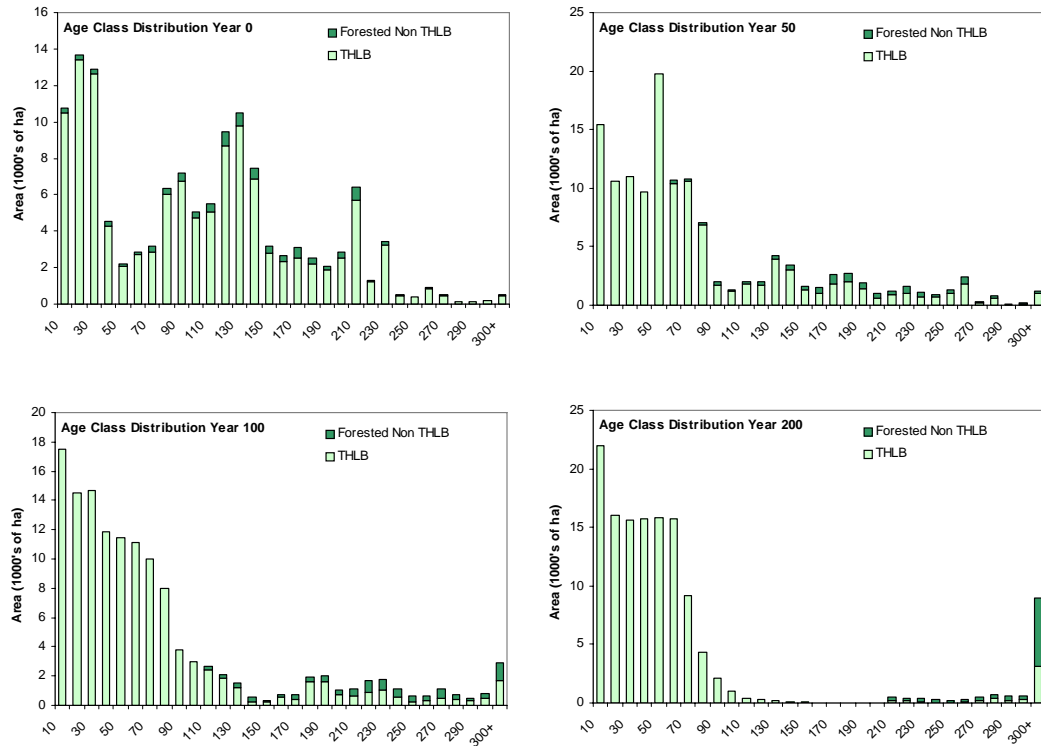


Figure 6. No Incremental Silviculture projected Age Class Distribution 0,50,100, and 200 years into the future.

Economic Indicators

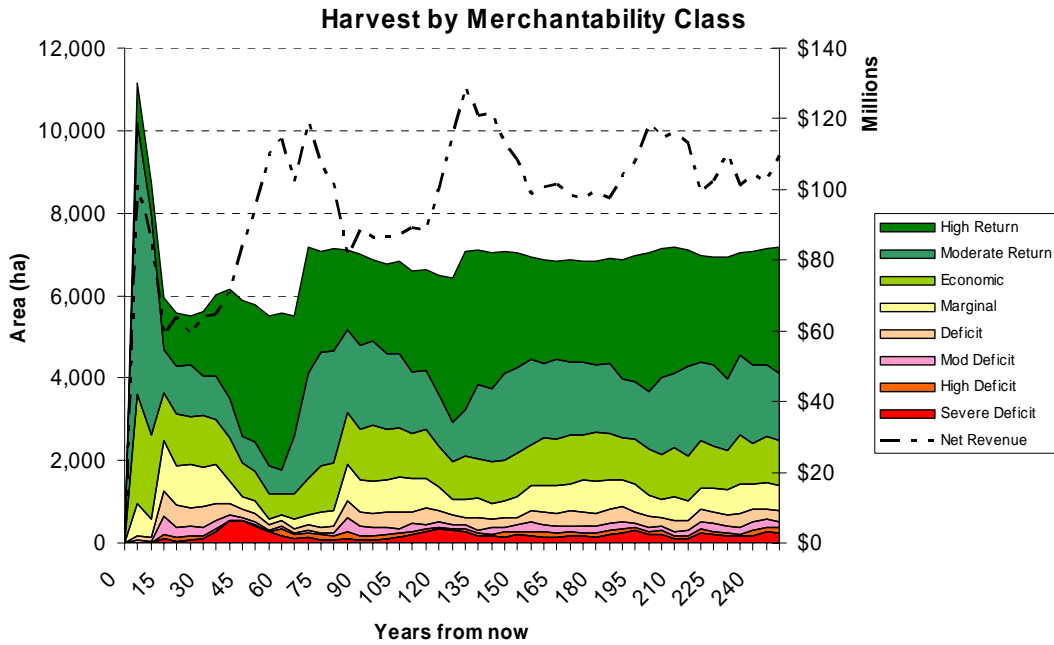


Figure 7. No Incremental Silviculture projection of Harvest by Merchantability class.

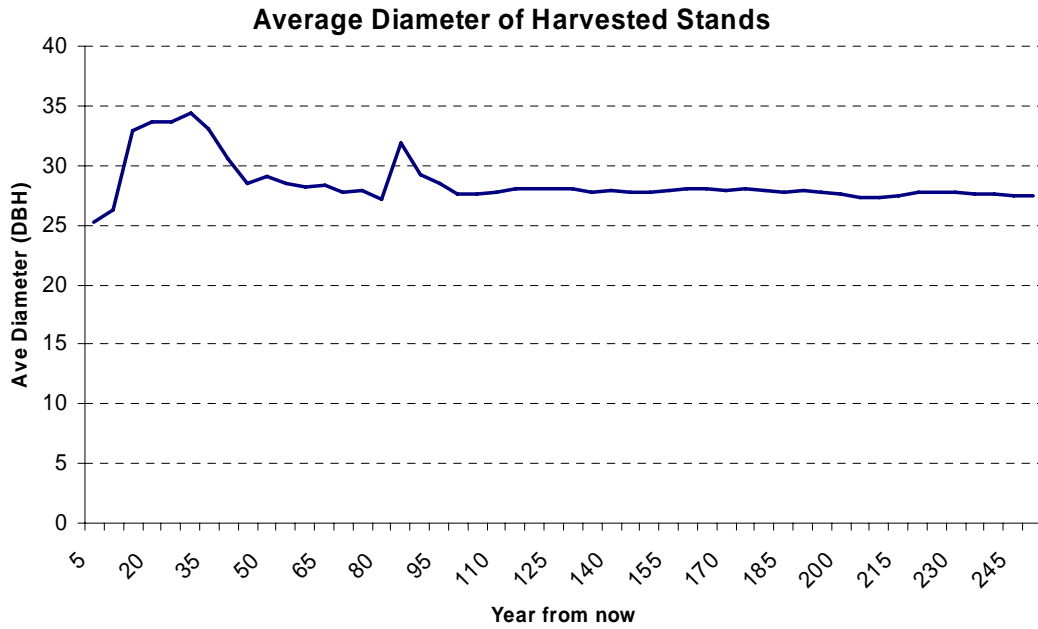


Figure 8. No Incremental Silviculture projection of average diameter of harvested stands.

Watershed, Ecosystem, and Habitat Indicators

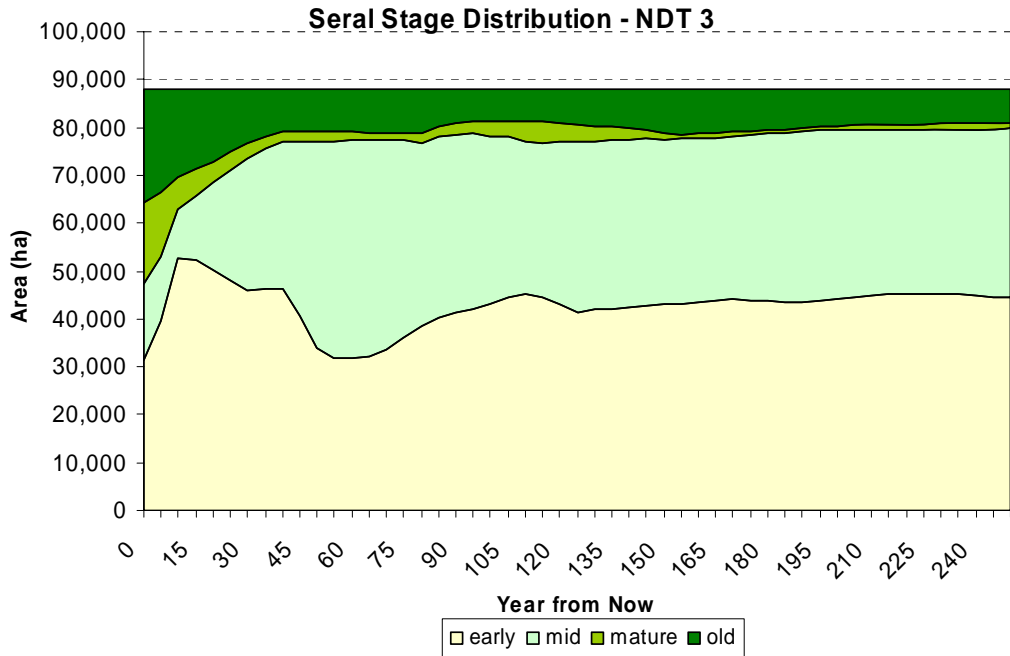


Figure 9. No Incremental Silviculture Projection of serai stage distribution for NDT 3.

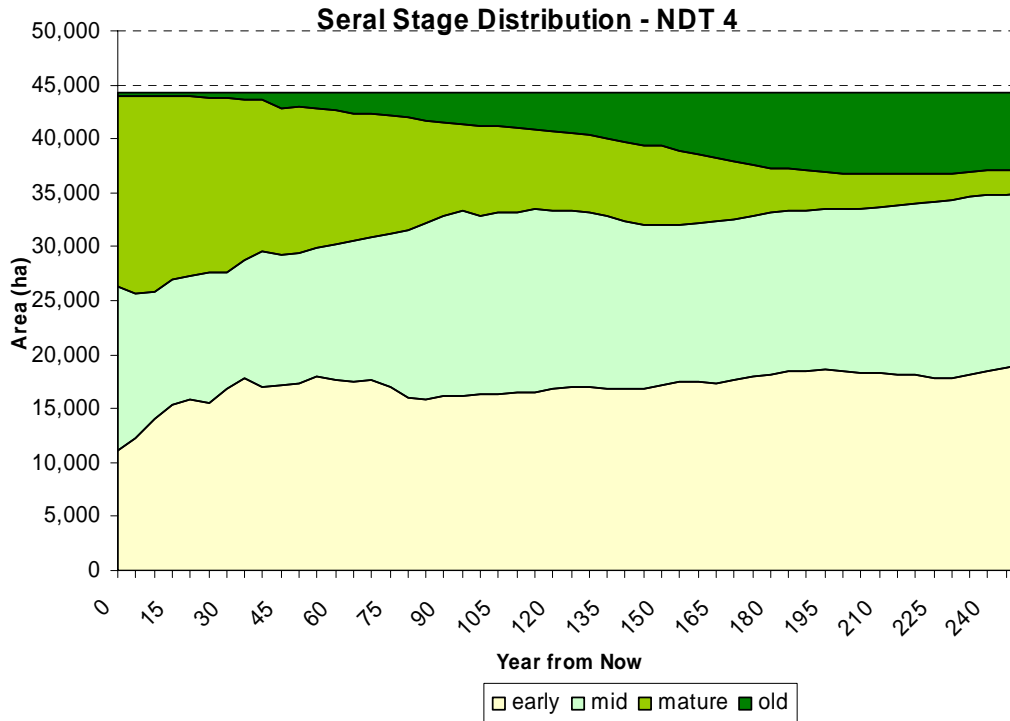


Figure 10. No Incremental Silviculture Projection of serai stage distribution for NDT 4.

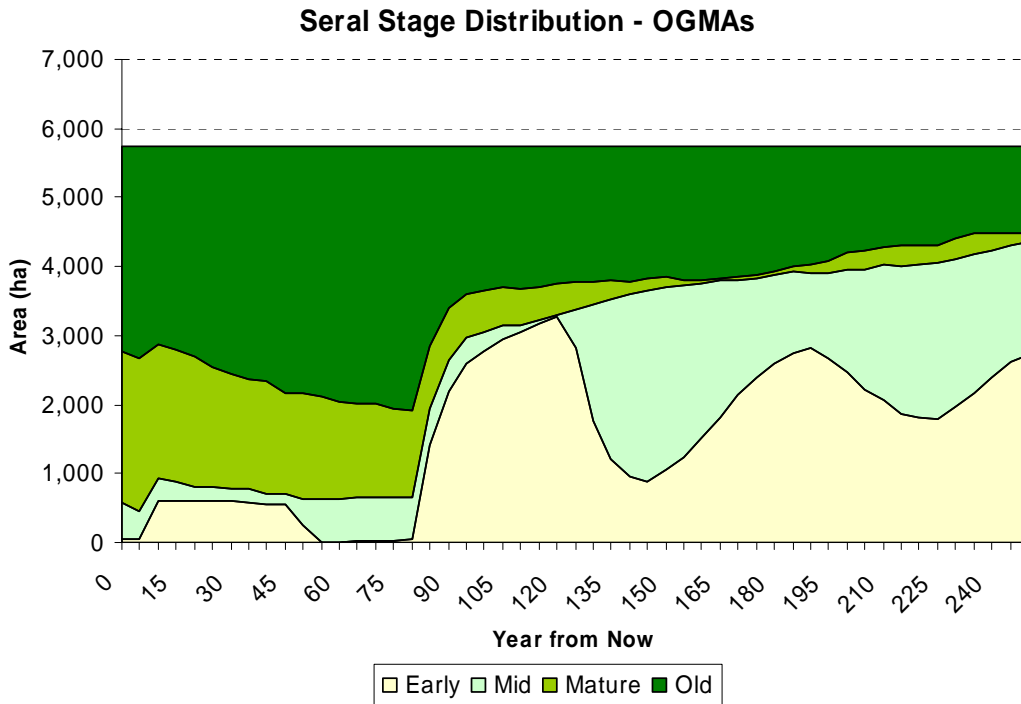


Figure 11. No Incremental Silviculture - serai stage distribution for spatially explicit OGMAs.

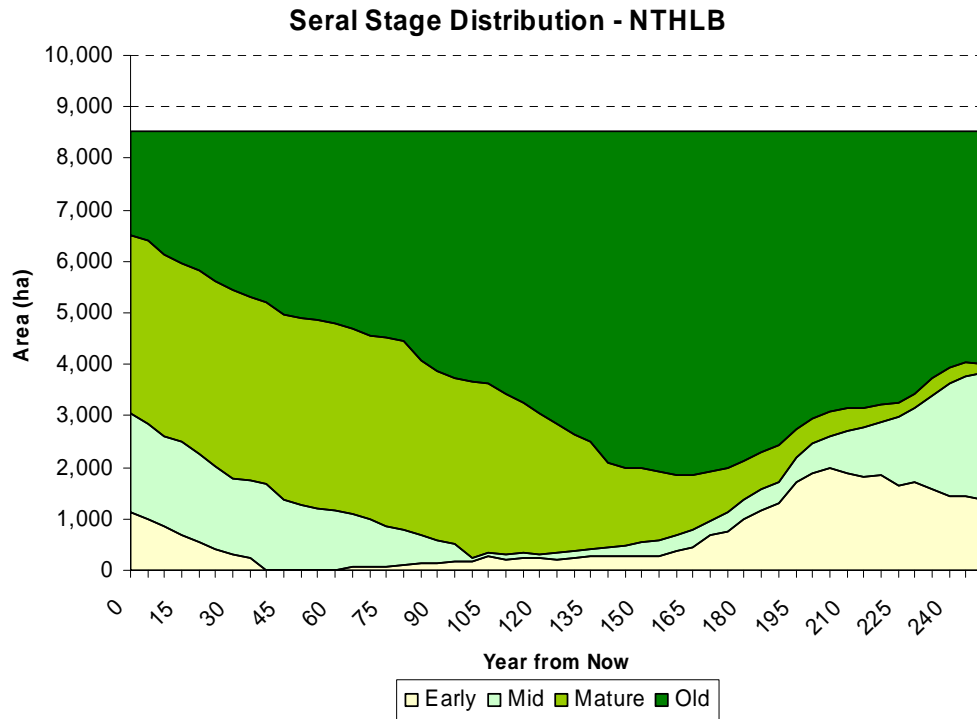


Figure 12. No Incremental Silviculture Projection of serai stage distribution for the NTHLB.

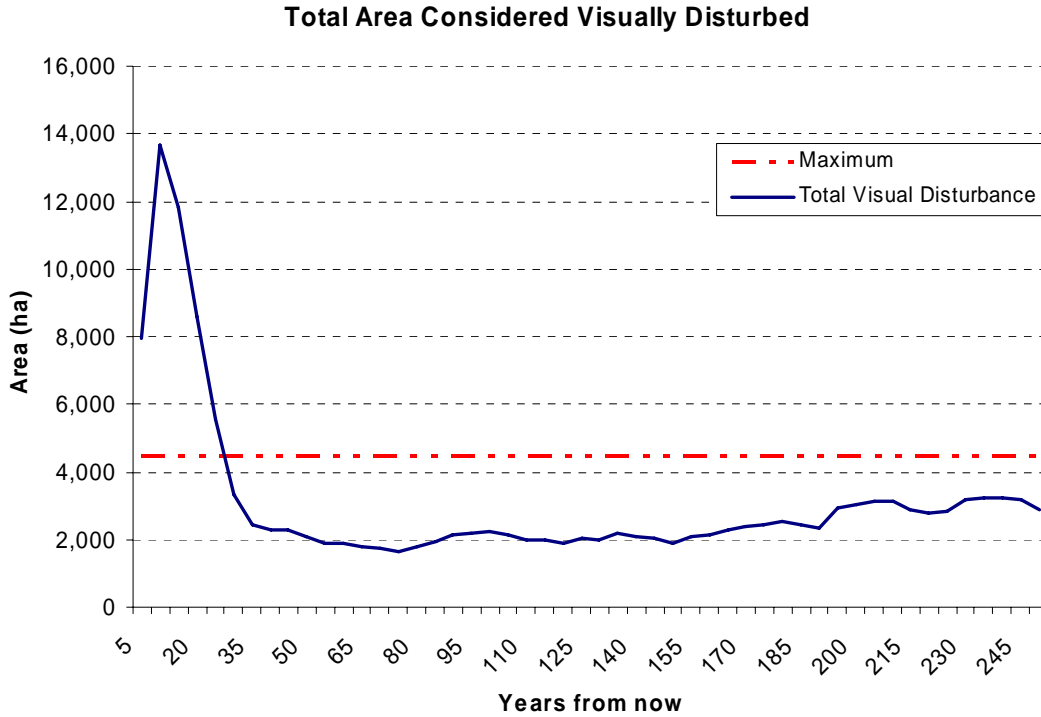


Figure 13. No Incremental Silviculture projection of total area considered Visually Disturbed.

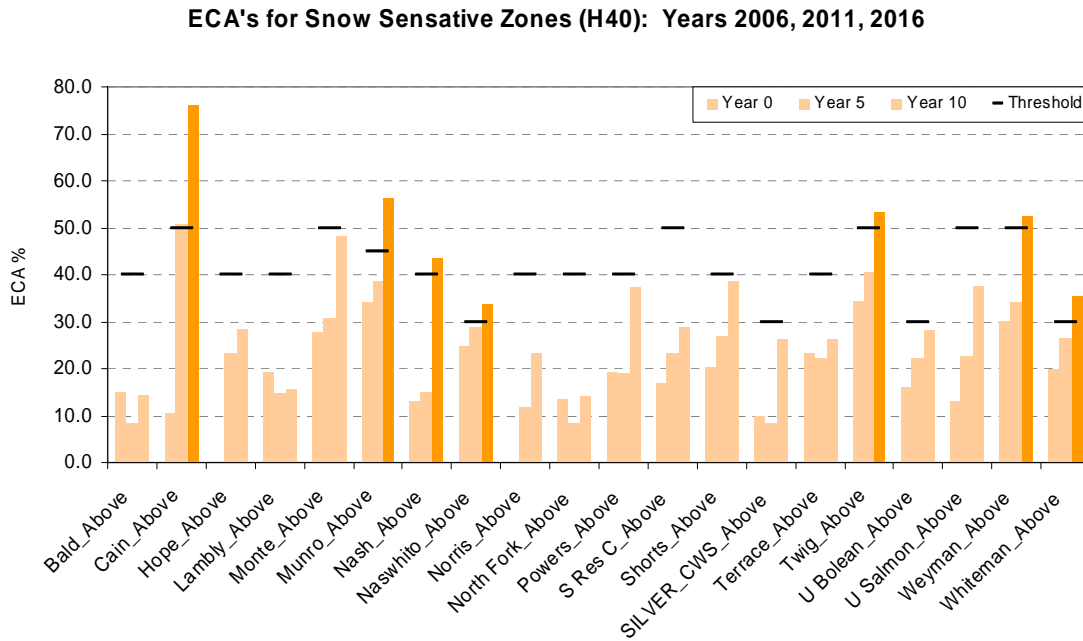


Figure 14. No Incremental Silviculture ECA's for watershed above H40 (yrs 2006, 2011, 2016).

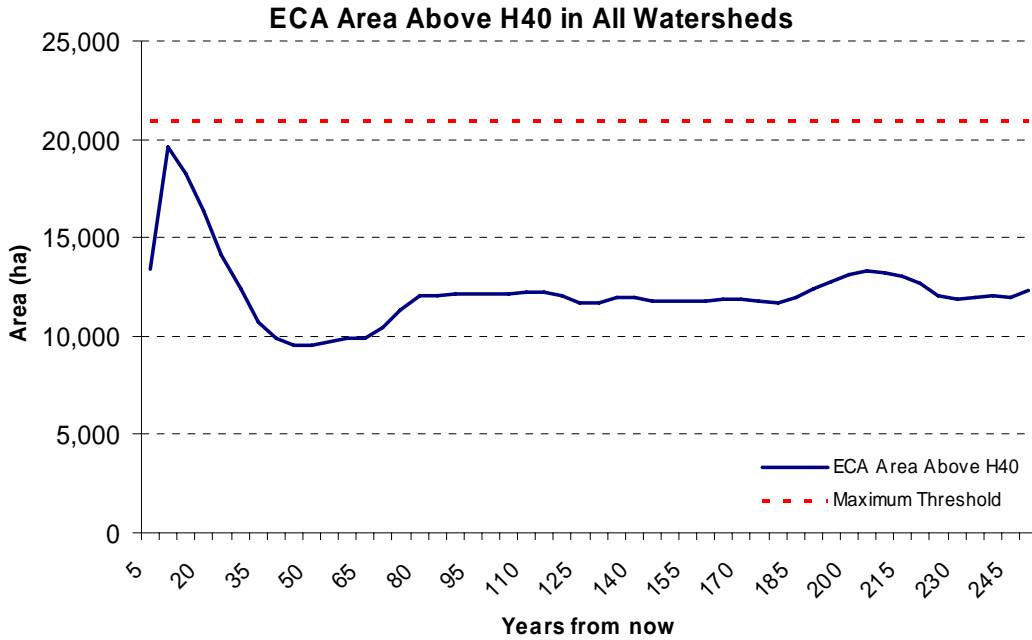


Figure 15. No Incremental Silviculture Total ECA from all watersheds above H40.

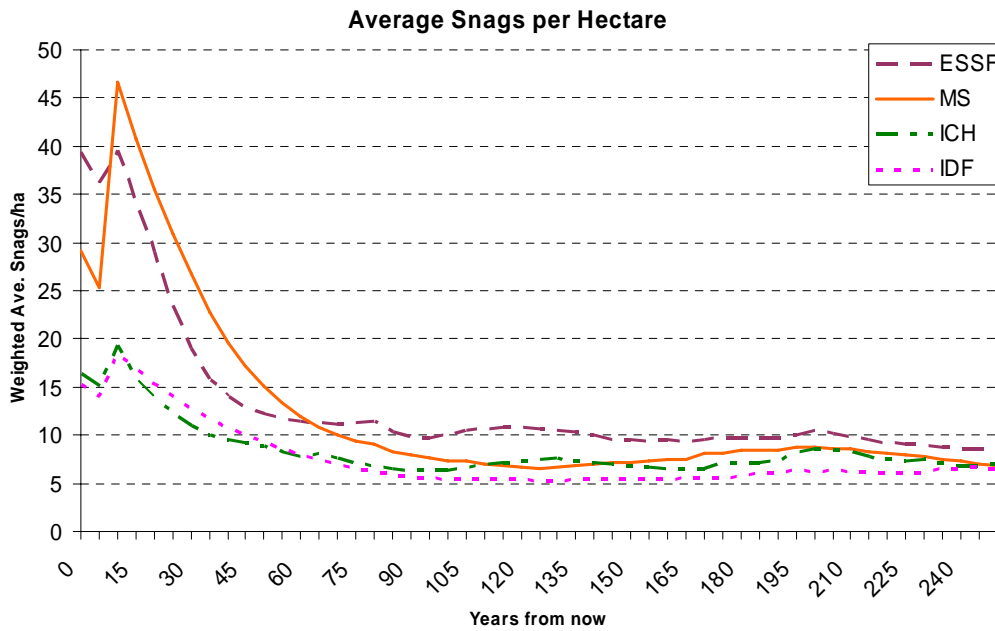


Figure 16. No Incremental Silviculture projection of Average Snags per Hectare by BEC Zone

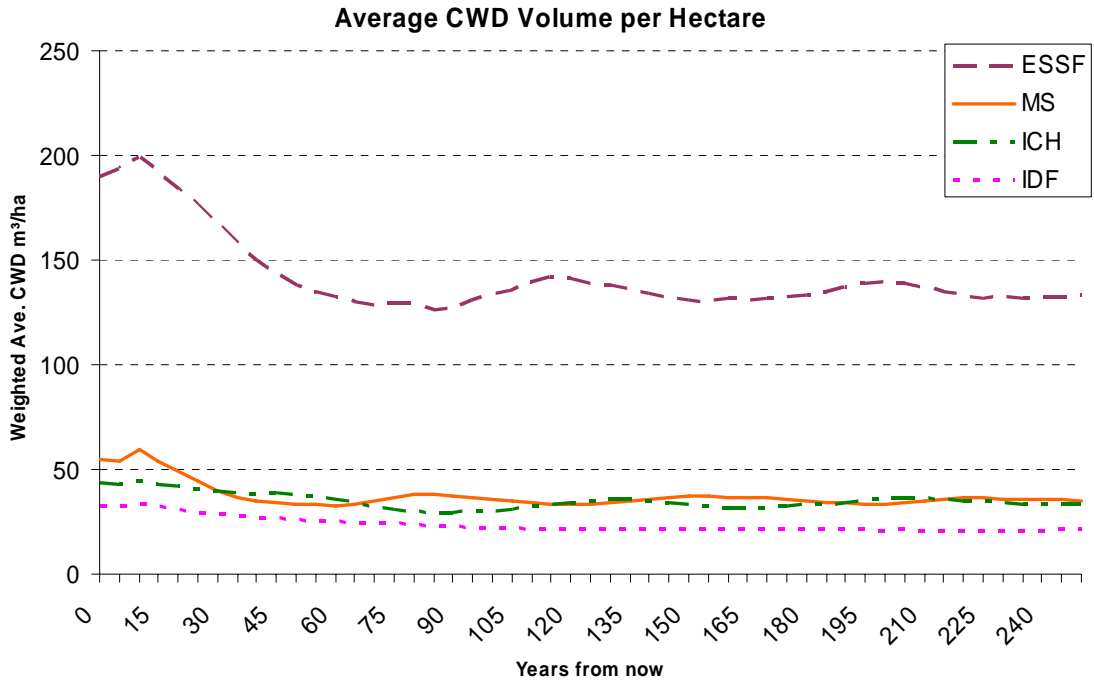


Figure 17. No Incremental Silviculture projection of average CWD volume per hectare

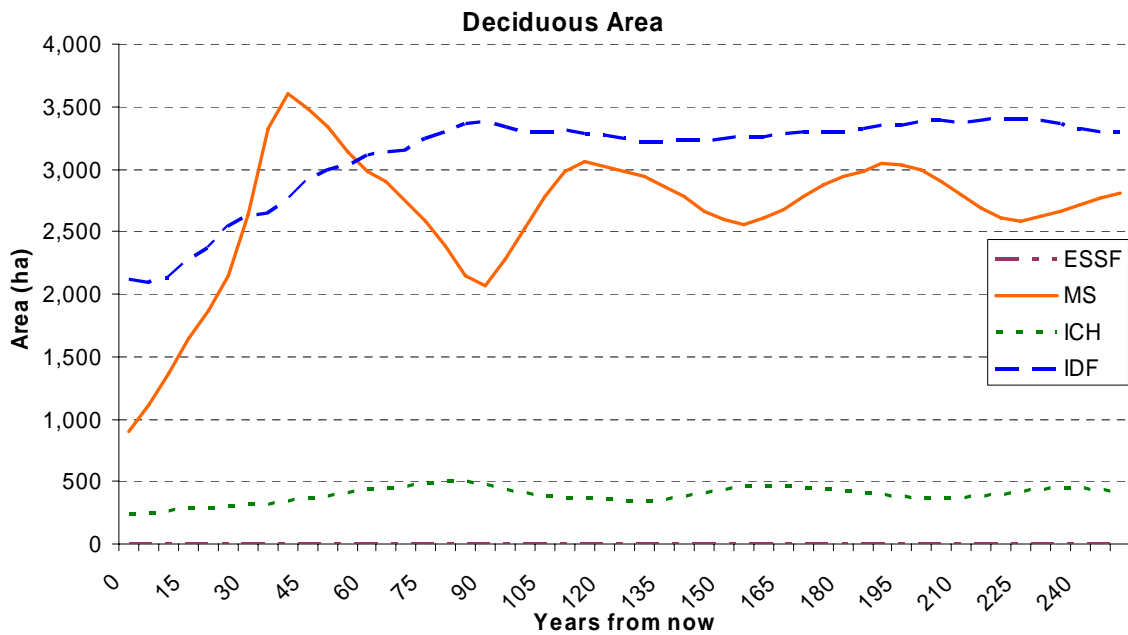


Figure 18. No Incremental Silviculture projection of Deciduous area.

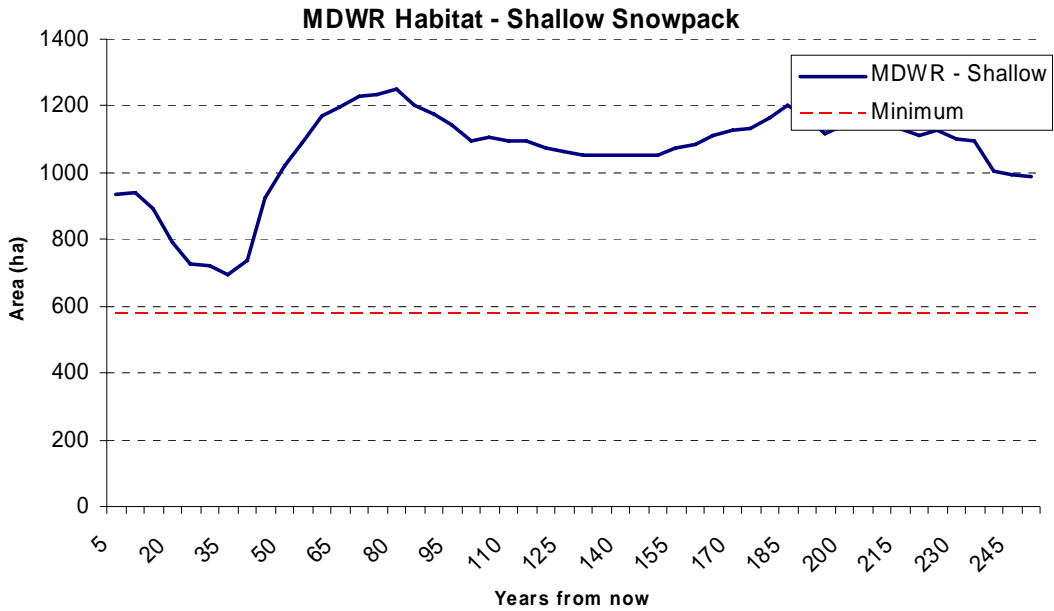


Figure 19. No Incremental Silviculture projection of MDWR Habitat in the shallow snowpack zone.

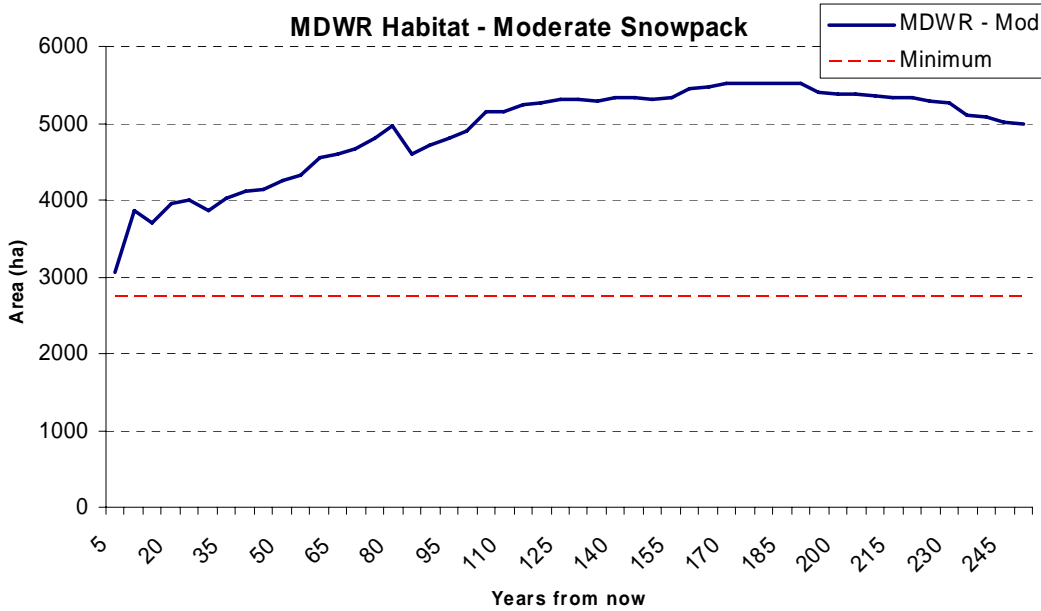


Figure 20. No Incremental Silviculture projection of Moderate Snowpack MDWR Habitat.

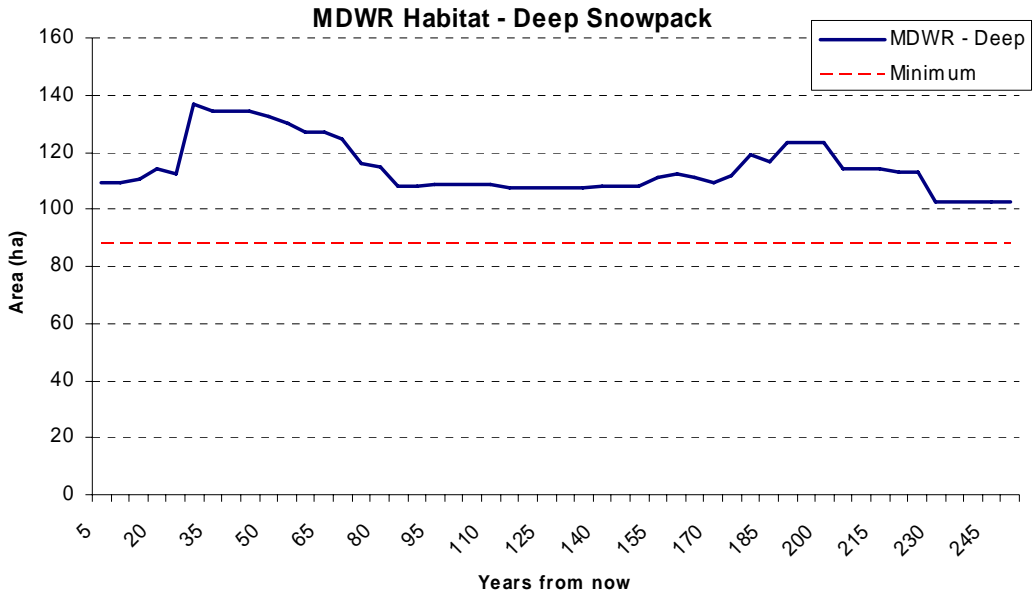


Figure 21. No Incremental Silviculture projection of MDWR Habitat in the deep snowpack zone.

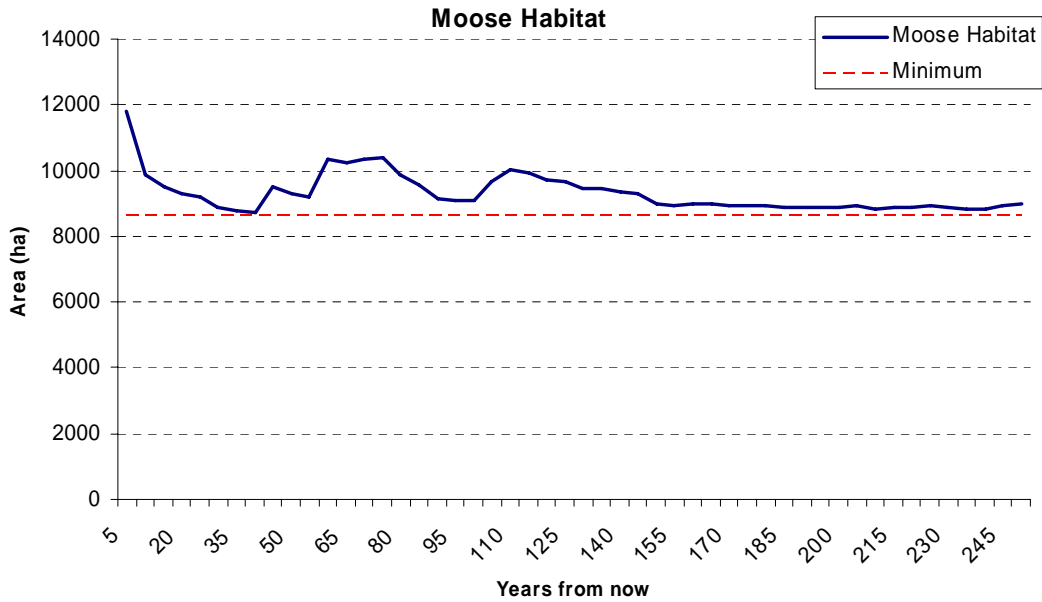


Figure 22. No Incremental Silviculture projection of moose habitat.

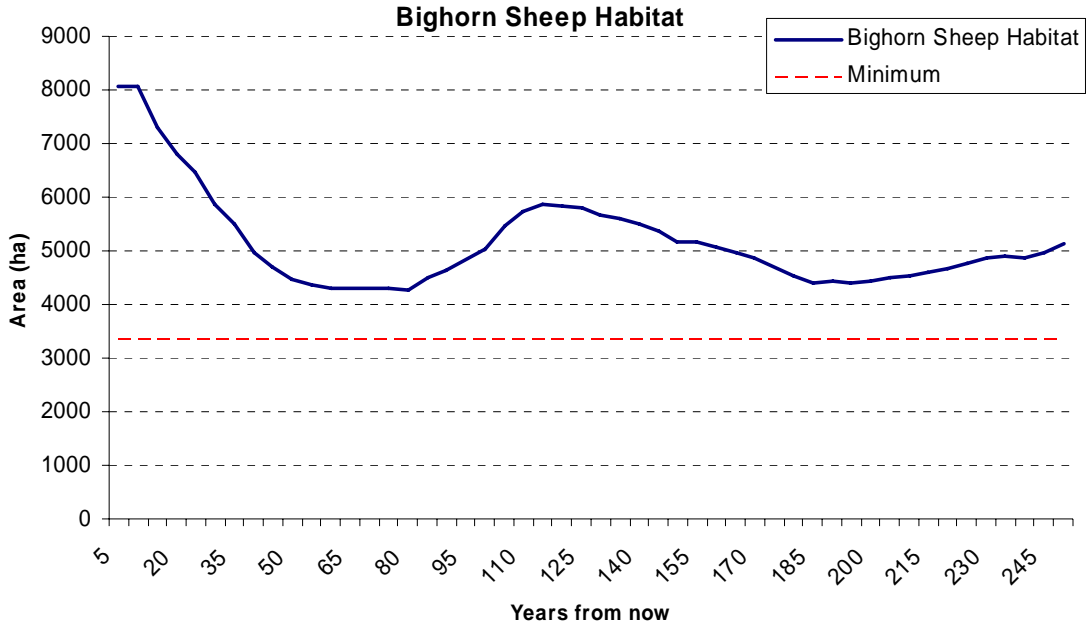


Figure 23. No Incremental Silviculture projection of Bighorn Sheep Habitat.

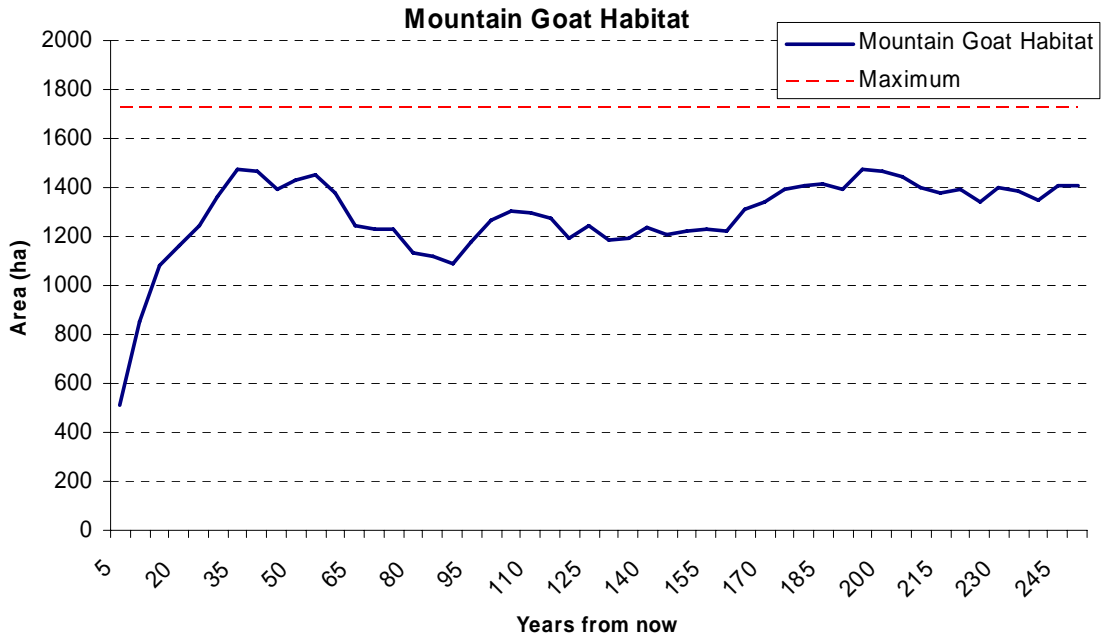


Figure 24. No Incremental Silviculture projection of Mountain Goat Habitat (area <33yrs old).

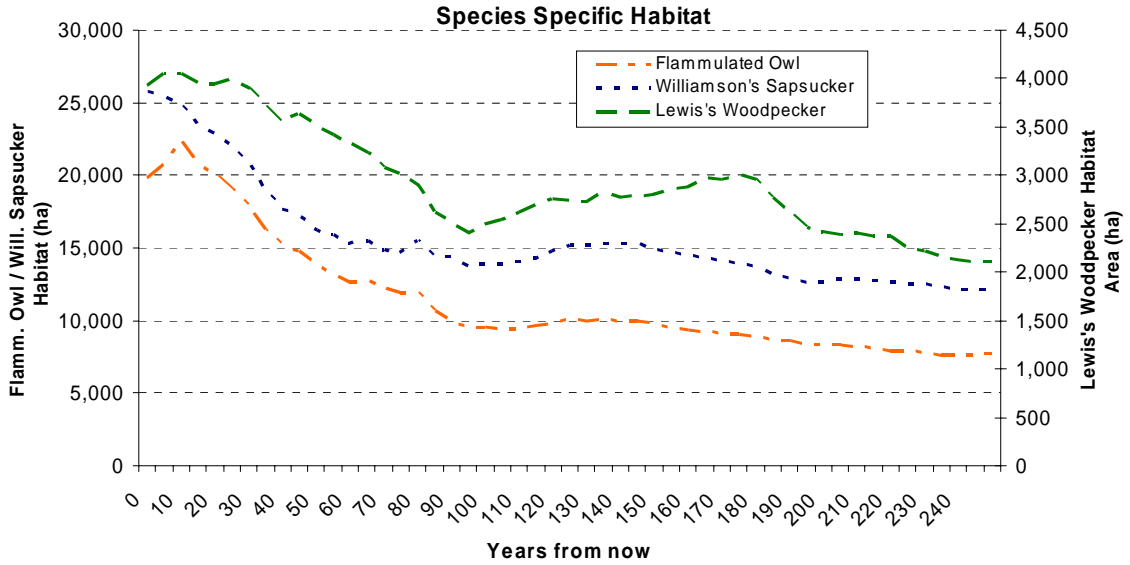


Figure 25. No Incremental Silviculture projection of Species Specific Habitat for the Flammulated Owl, Williamson's Sapsucker, and Lewis's Woodpecker.

Reduced Planting Densities

Timber Supply Indicators

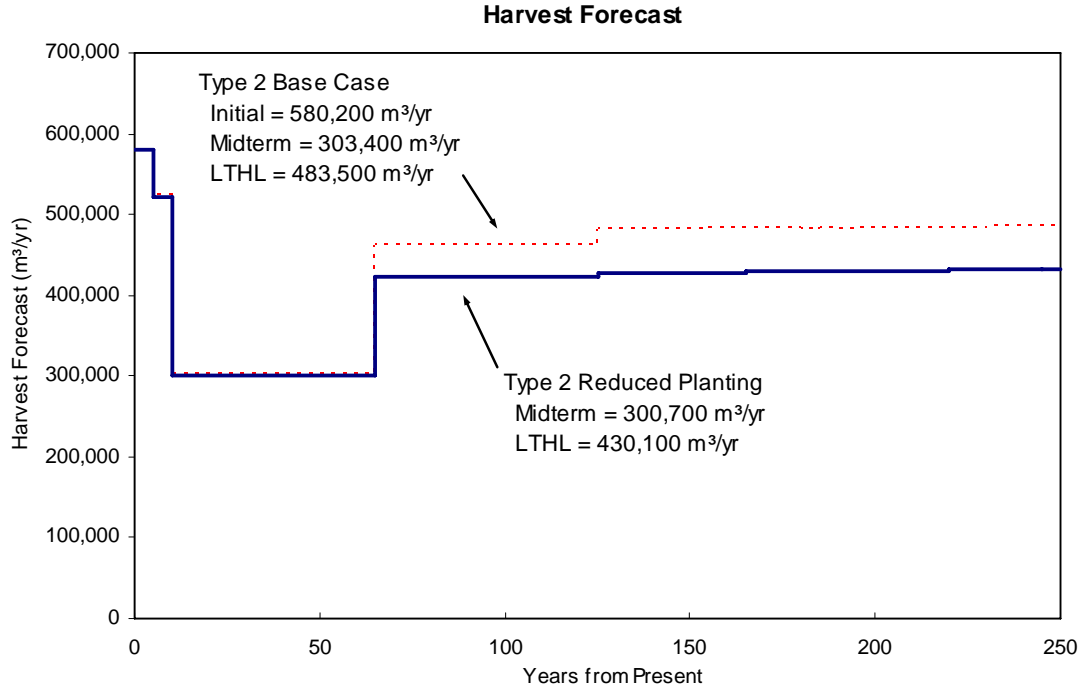


Figure 26 . Reduced Planting Densities harvest flow projection compared to Type 2 Revised Base Case.

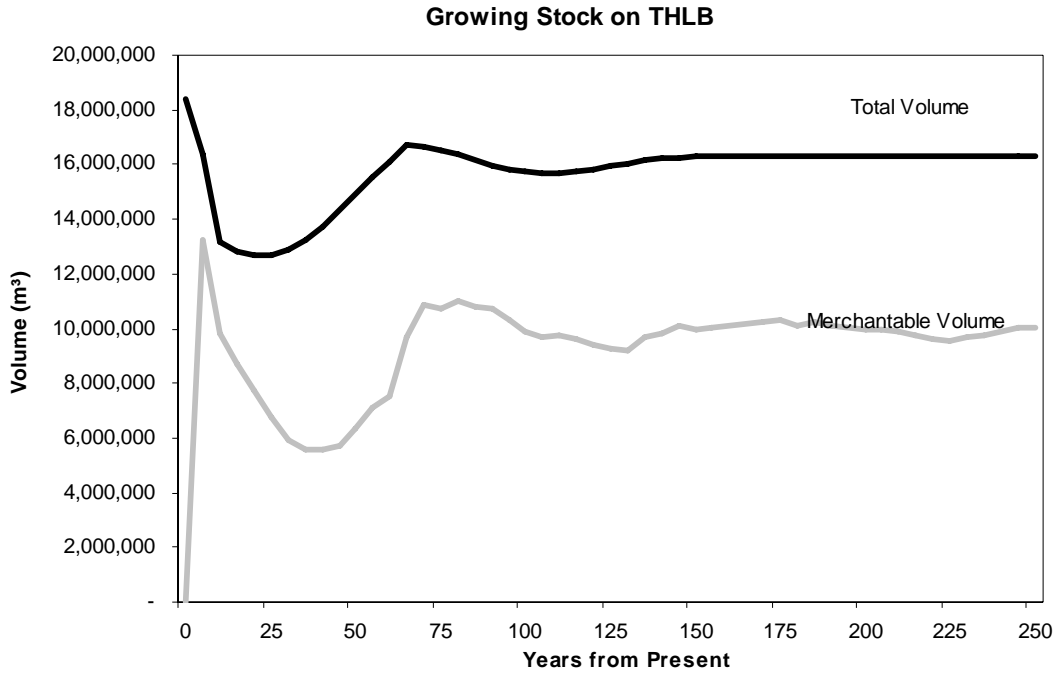


Figure 27. Reduced Planting Densities merchantable and total growing stock (THLB).

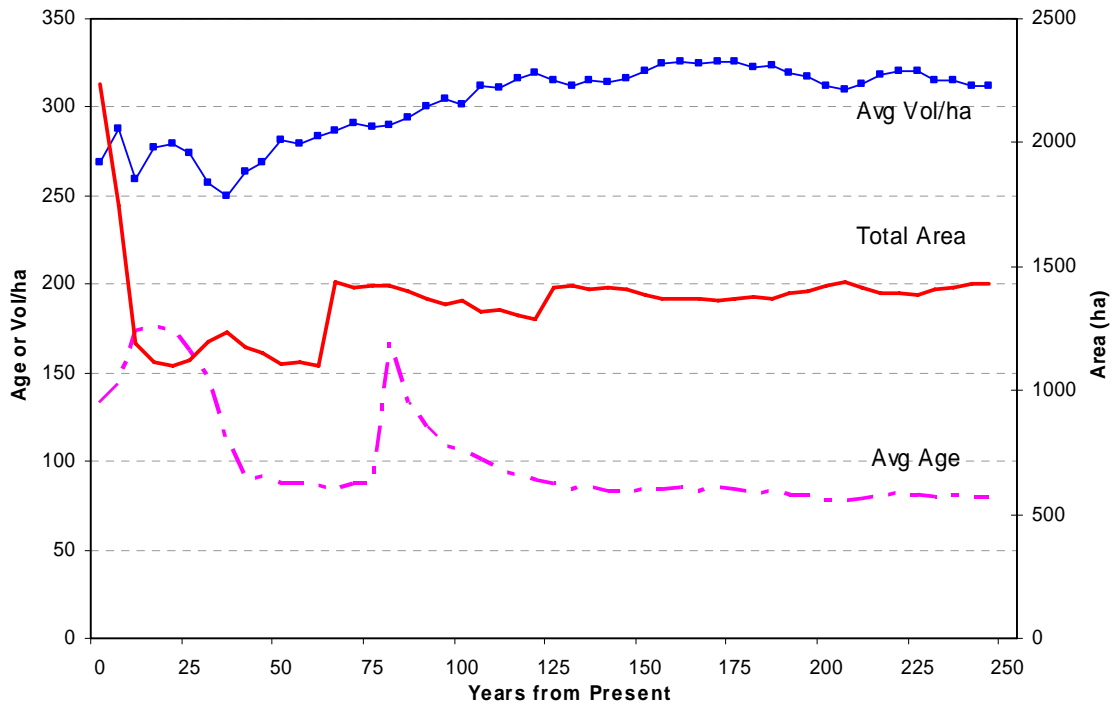


Figure 28. Reduced Planting Densities average harvest age / volume / areas.

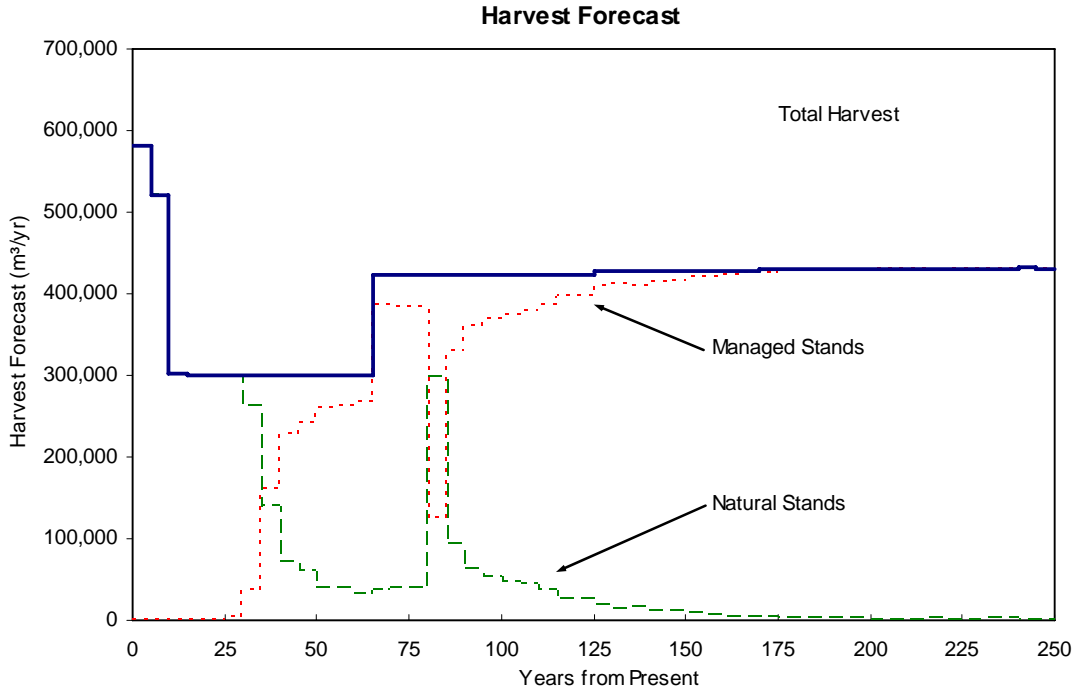


Figure 29. Reduced Planting Densities transition of natural stands to managed stands.

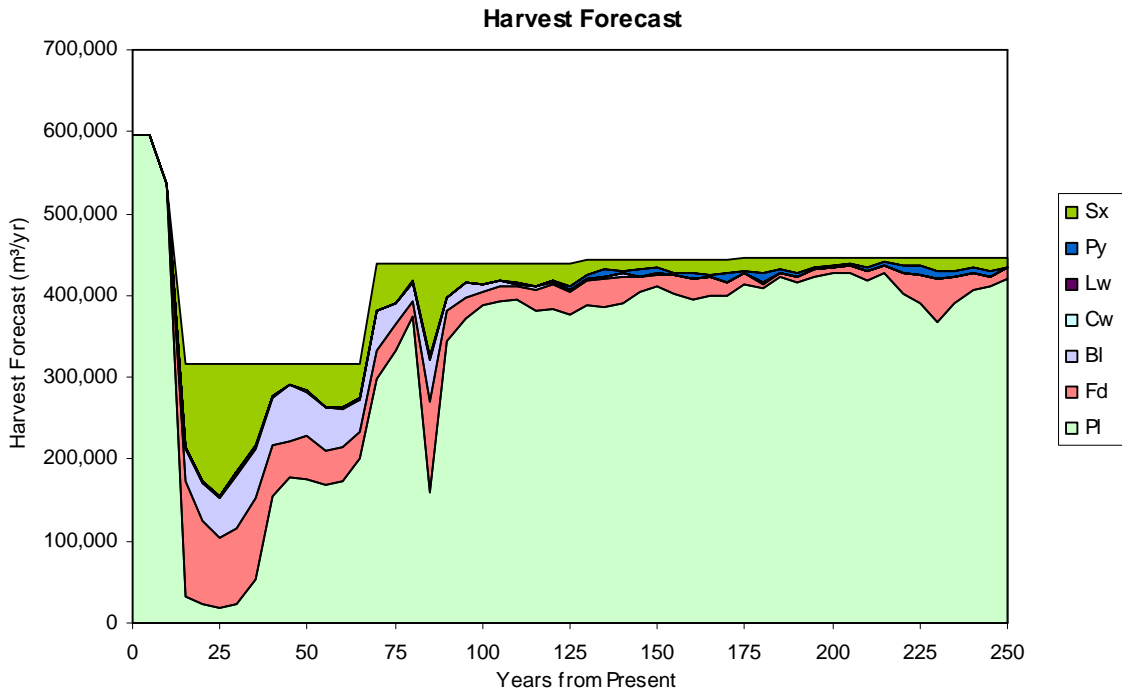


Figure 30. Reduced Planting Densities projected tree species contribution to harvest

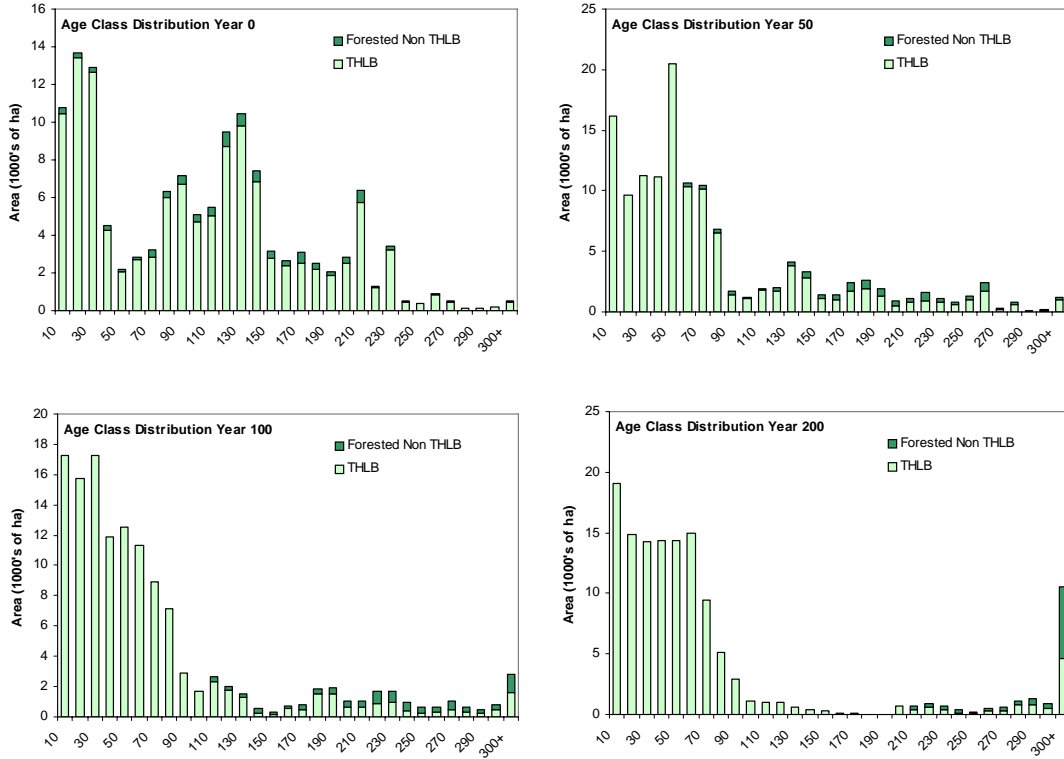


Figure 31. Reduced Planting Densities projected Age Class Distribution 0,50,100, and 200 years into the future.

Economic Indicators

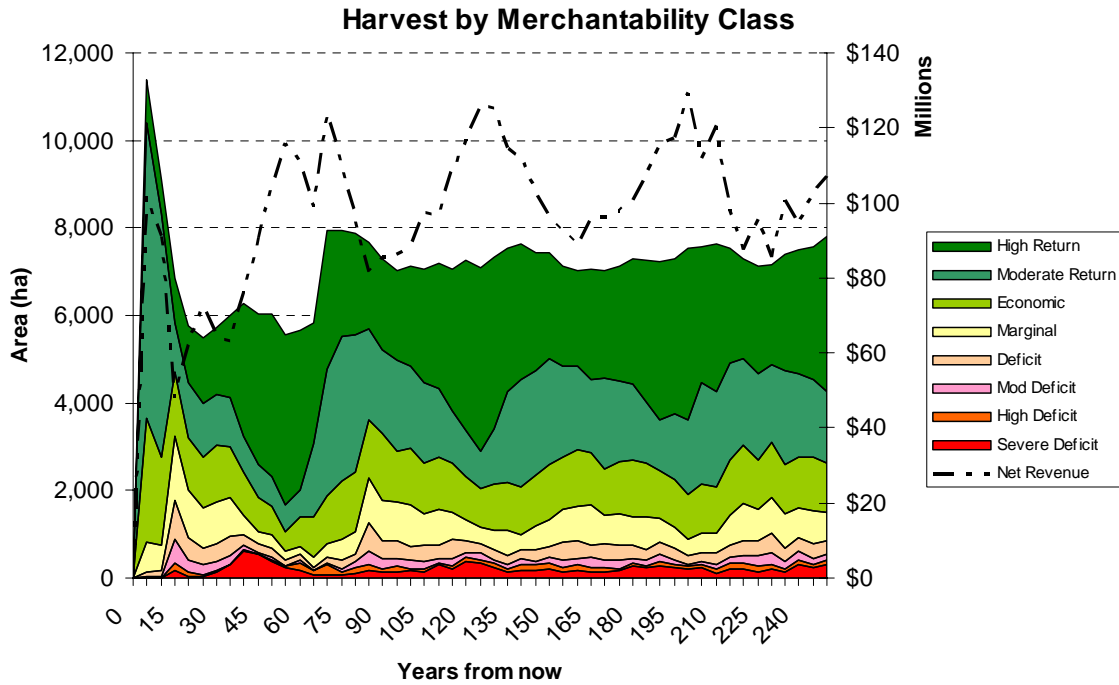


Figure 32. Reduced Planting Densities projection of Harvest by Merchantability class.

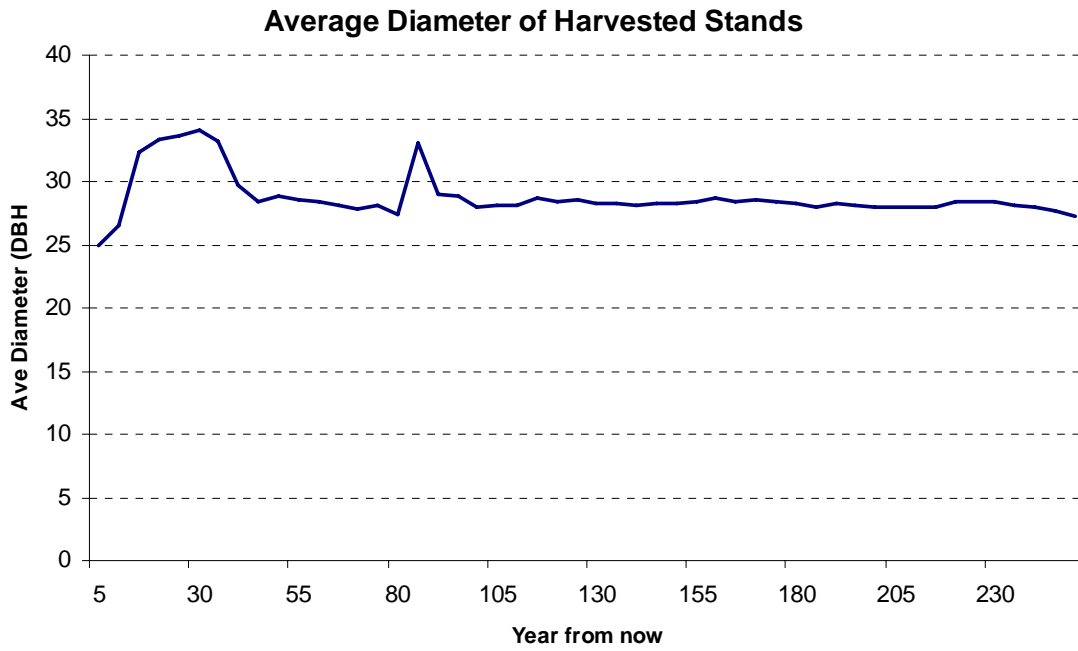


Figure 33. Reduced Planting Densities projection of average diameter of harvested stands.

Watershed, Ecosystem, and Habitat Indicators

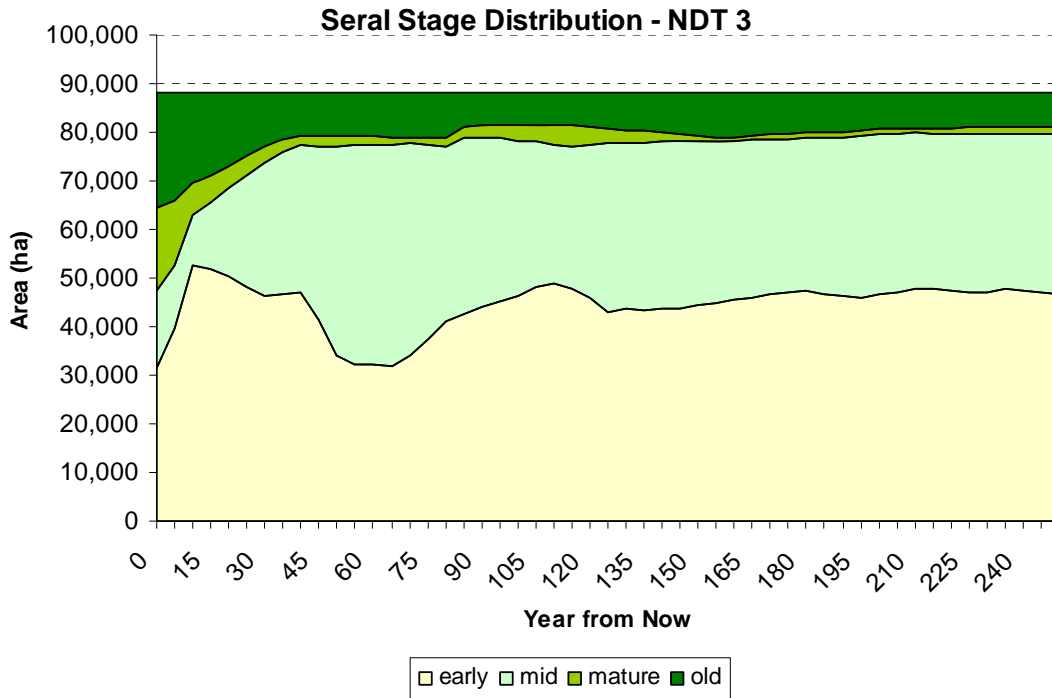


Figure 34. Reduced Planting Densities Projection of serai stage distribution for NDT 3.

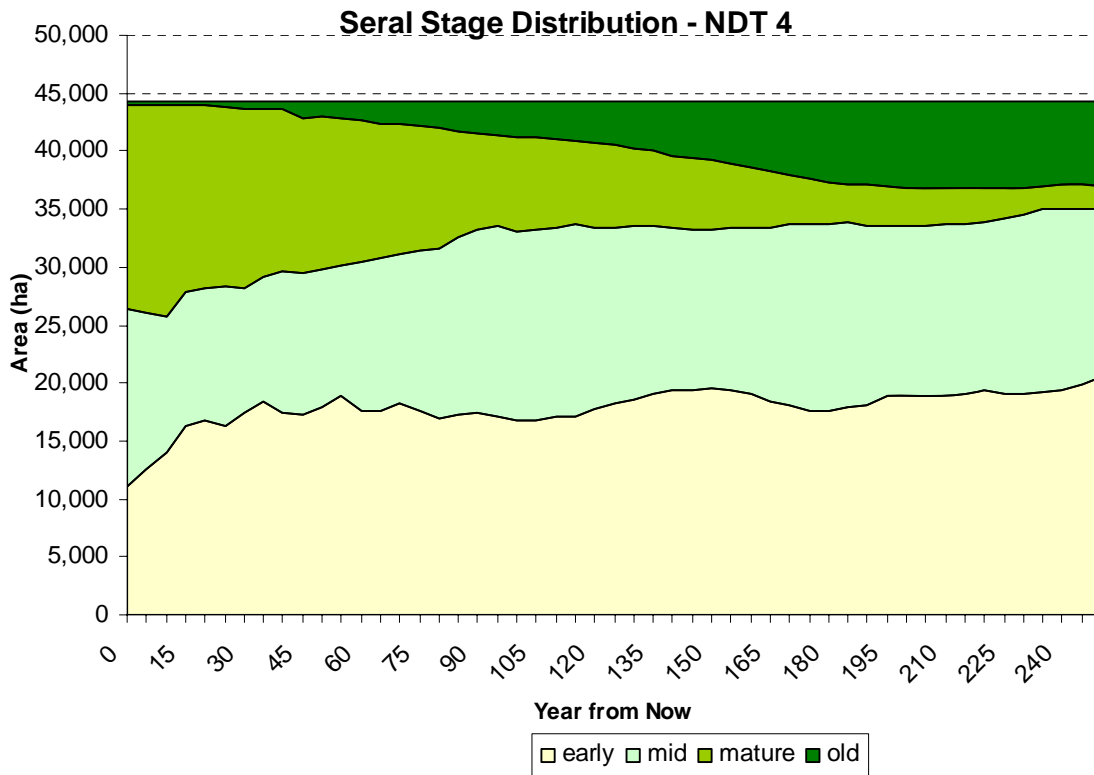


Figure 35. Reduced Planting Densities Projection of serai stage distribution for NDT 4.

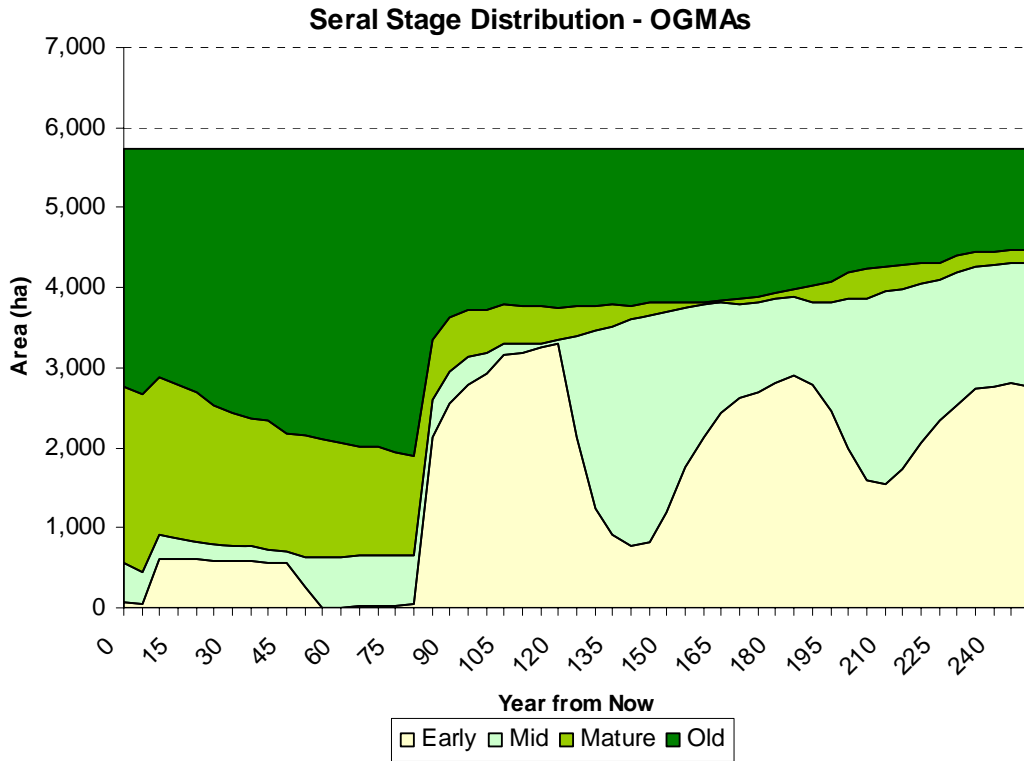


Figure 36. Reduced Planting Densities - serai stage distribution for spatially explicit OGMA.

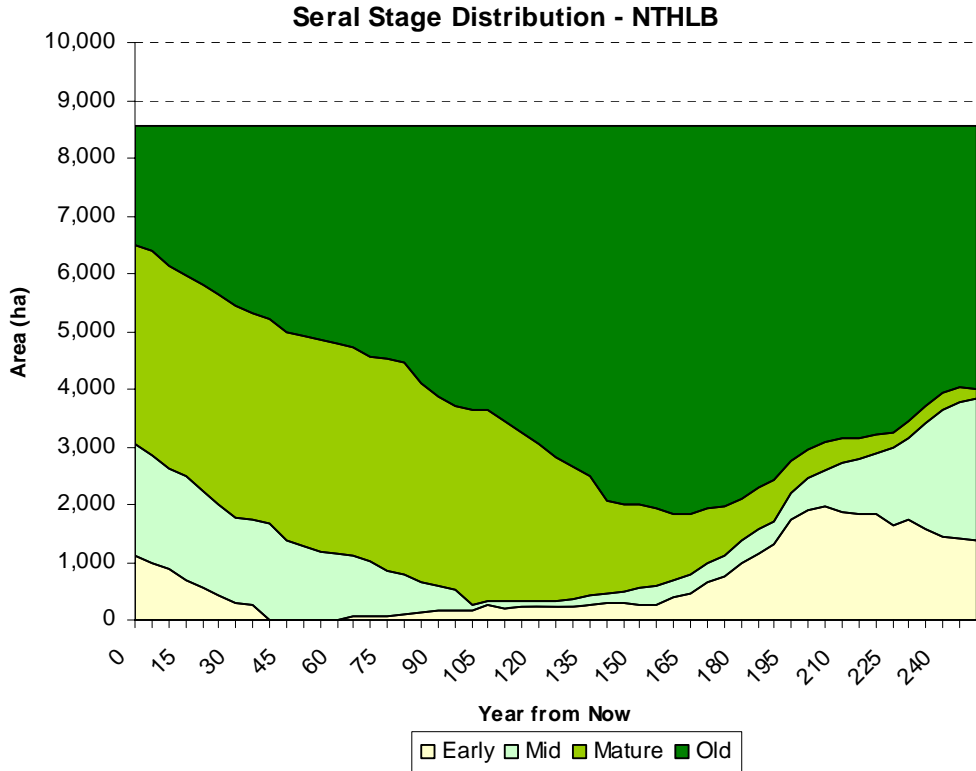


Figure 37. Reduced Planting Densities Projection of serai stage distribution for the NTHLB.

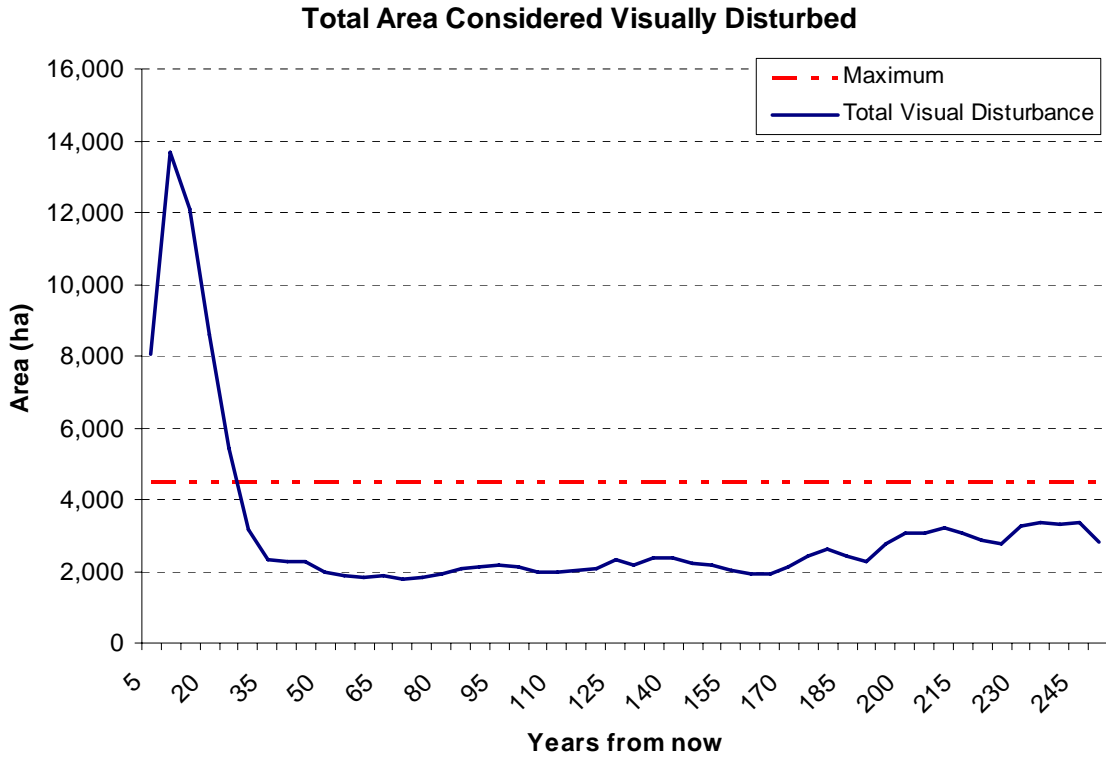


Figure 38. Reduced Planting Densities projection of total area considered Visually Disturbed.

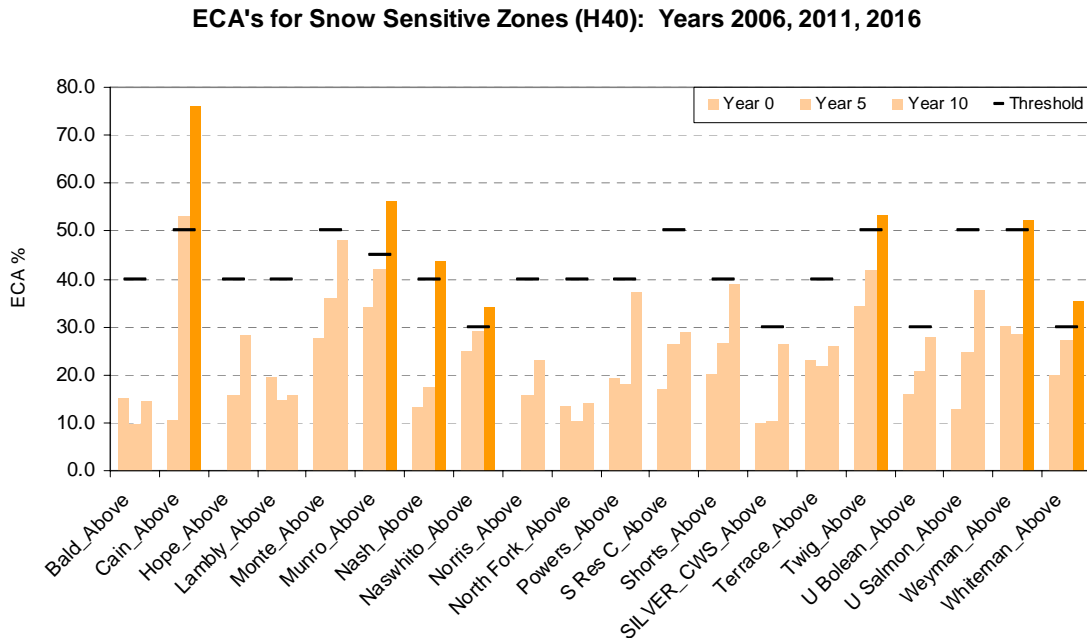


Figure 39. Reduced Planting Densities ECA's for watershed above H40 (yrs 2006, 2011, 2016).

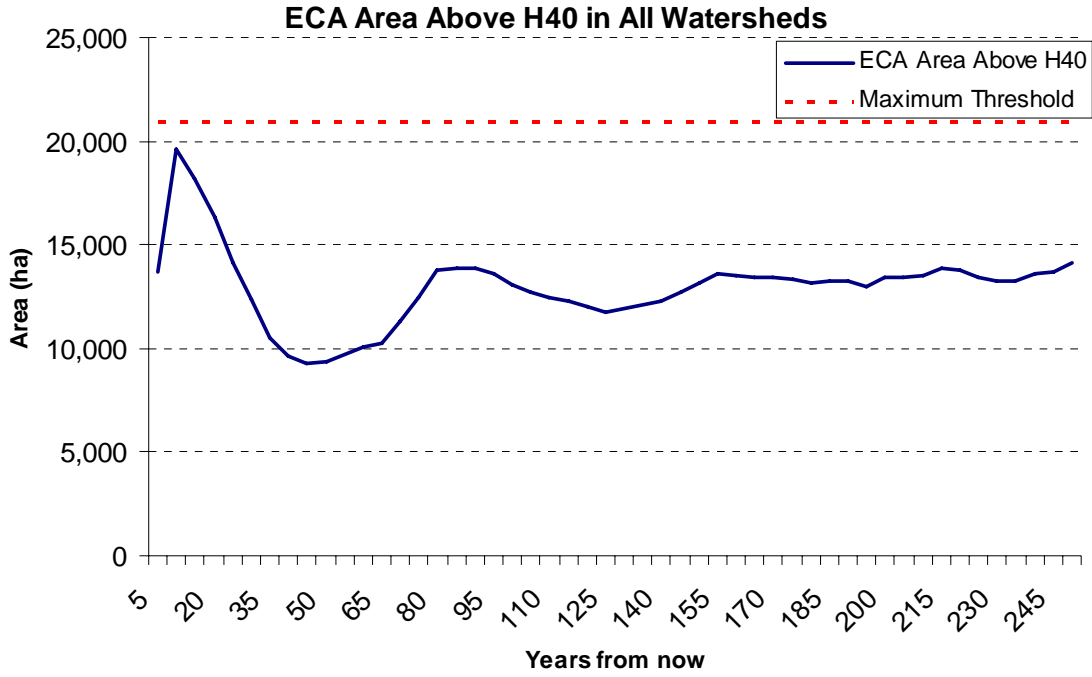


Figure 40. Reduced Planting Densities Total ECA from all watersheds above H40.

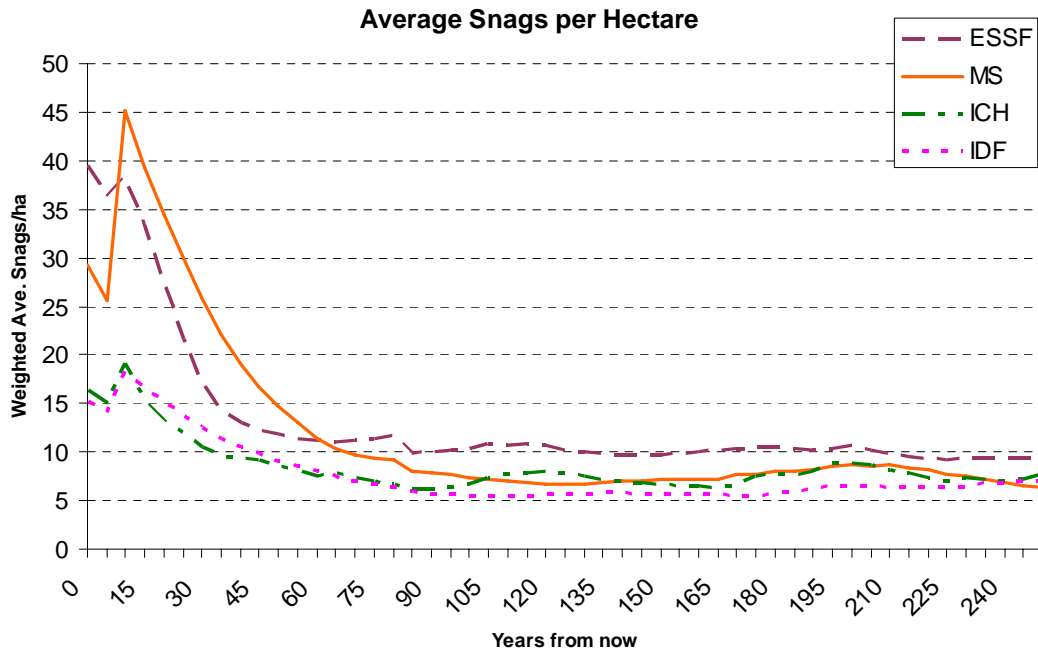


Figure 41. Reduced Planting Densities projection of Average Snags per Hectare by BEC Zone

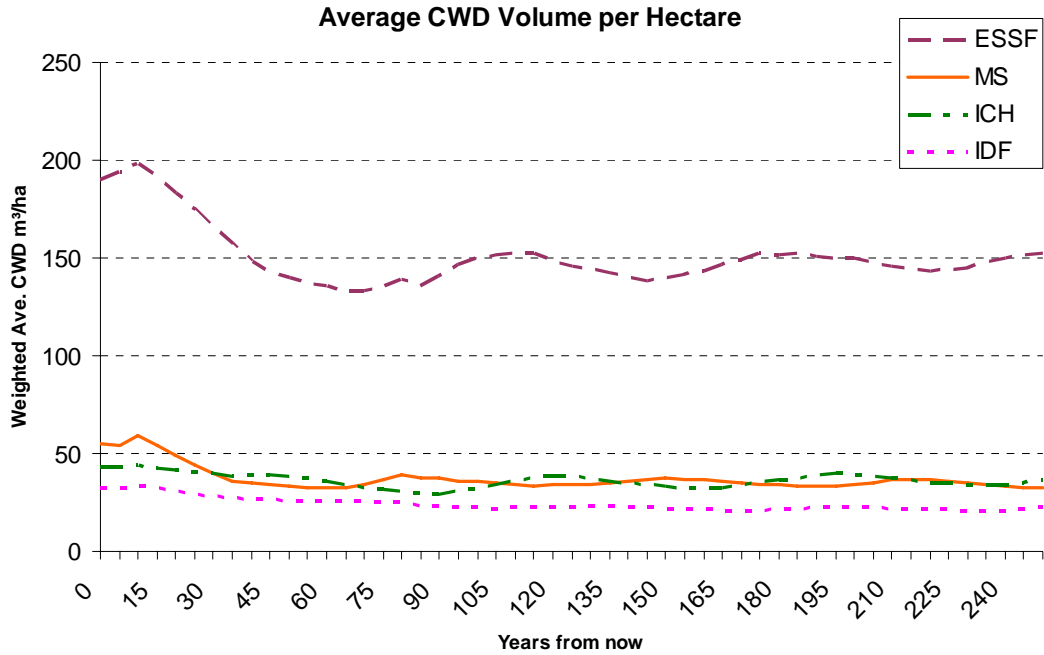


Figure 42. Reduced Planting Densities projection of average CWD volume per hectare

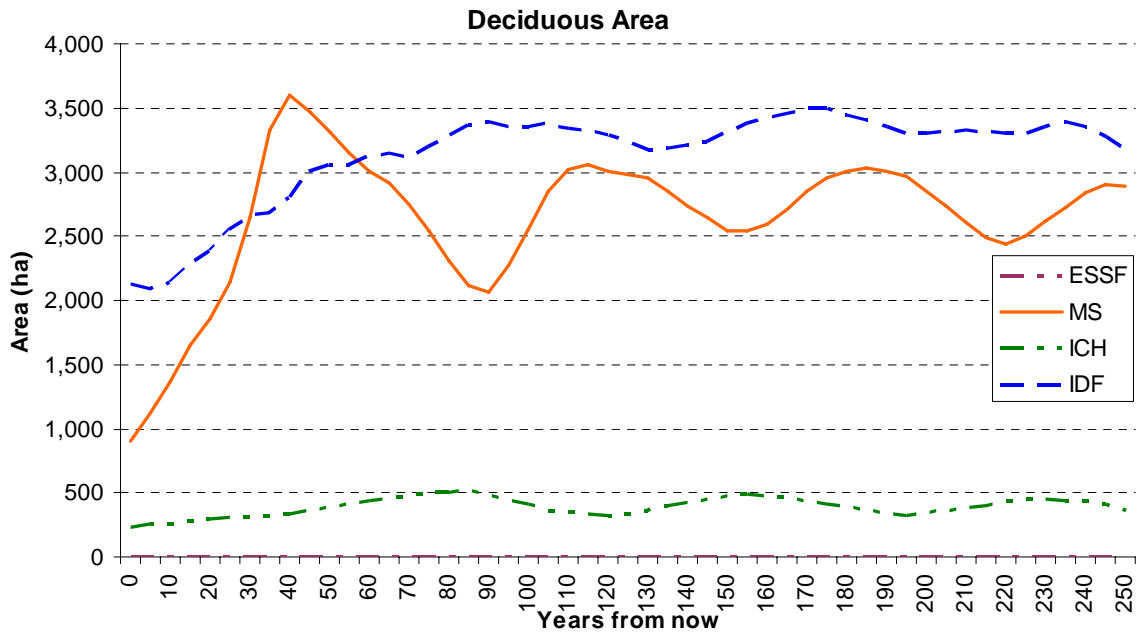


Figure 43. Reduced Planting Densities projection of Deciduous area.

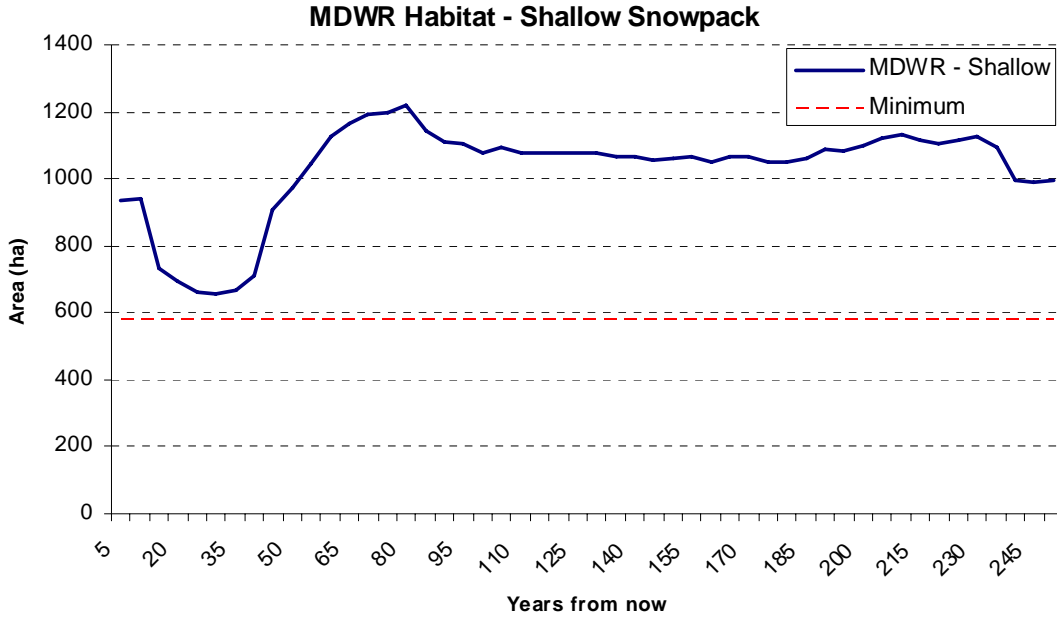


Figure 44. Reduced Planting Densities projection of MDWR Habitat in the shallow snowpack zone.

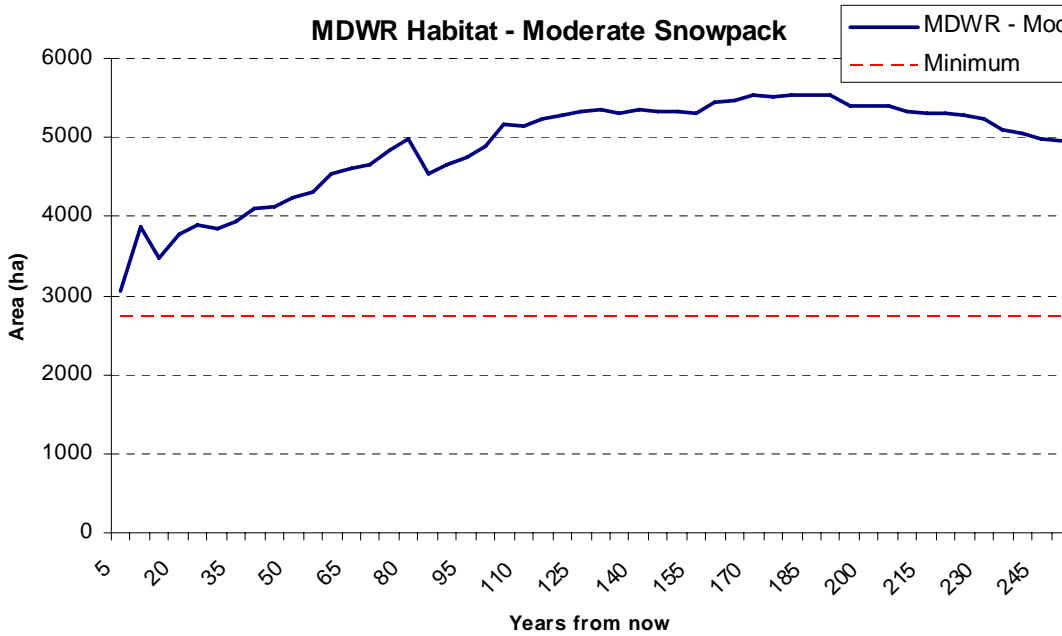


Figure 45. Reduced Planting Densities projection of Moderate Snowpack MDWR Habitat.

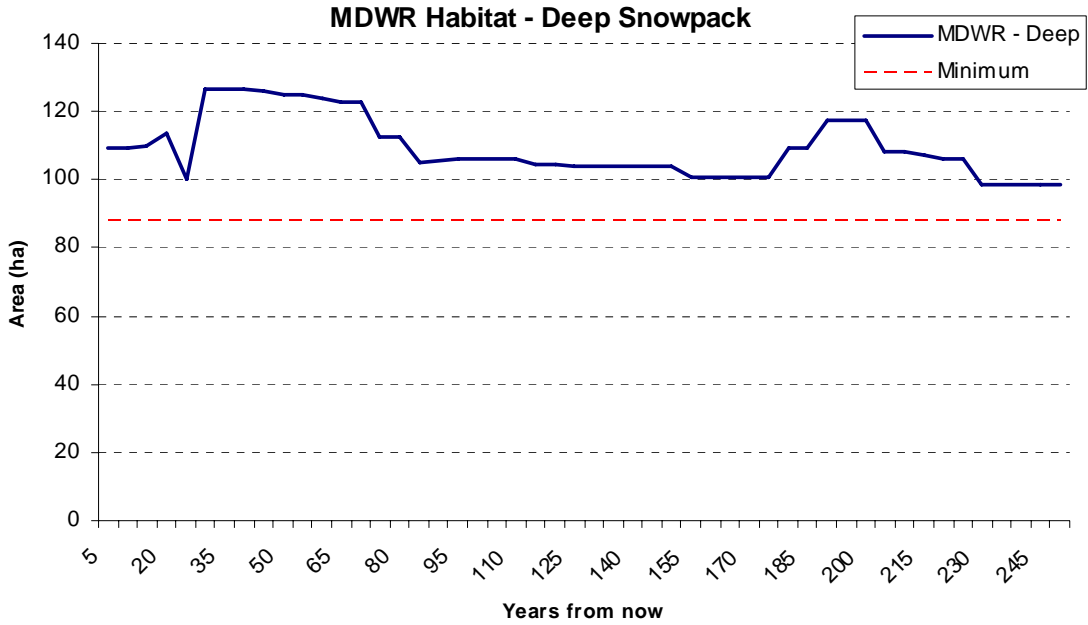


Figure 46. Reduced Planting Densities projection of MDWR Habitat in the deep snowpack zone.

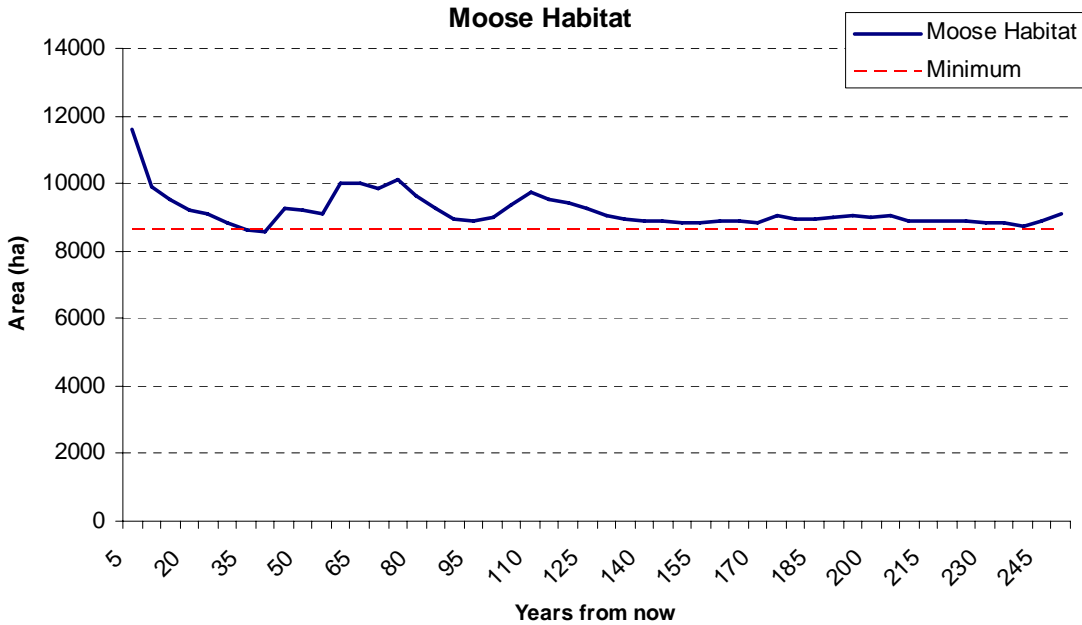


Figure 47. Reduced Planting Densities projection of moose habitat.

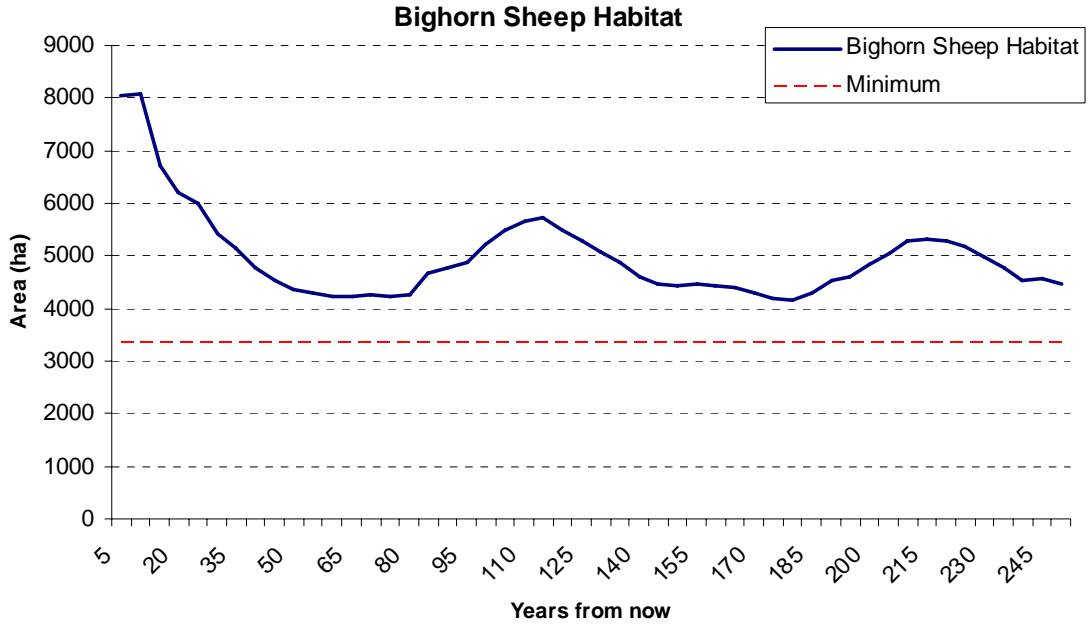


Figure 48. Reduced Planting Densities projection of Bighorn Sheep Habitat.

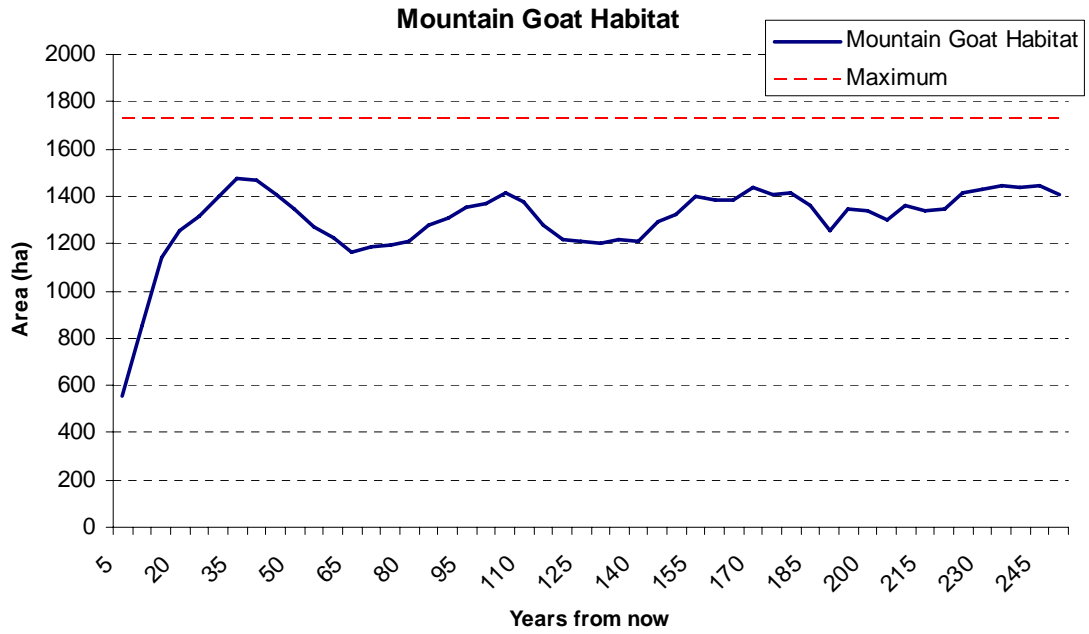


Figure 49. Reduced Planting Densities projection of Mountain Goat Habitat (area <33yrs old).

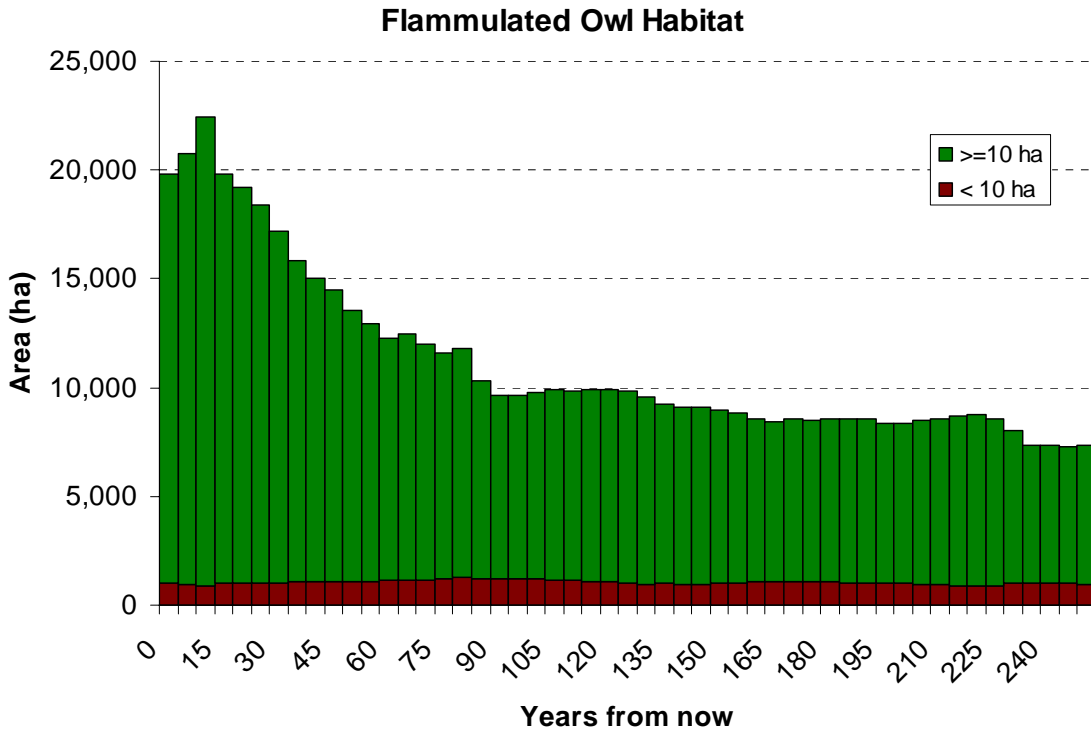


Figure 50. Reduced Planting Densities projection of Species Specific Habitat for the Flammulated Owl.

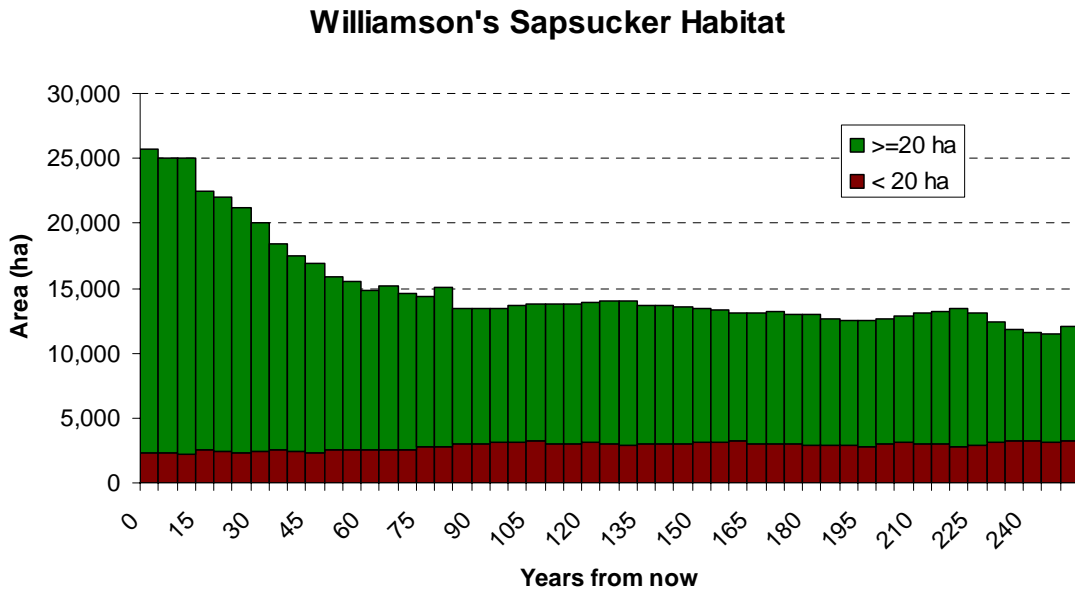


Figure 51. Reduced Planting Densities projection of Species Specific Habitat for the Williamson's Sapsucker.

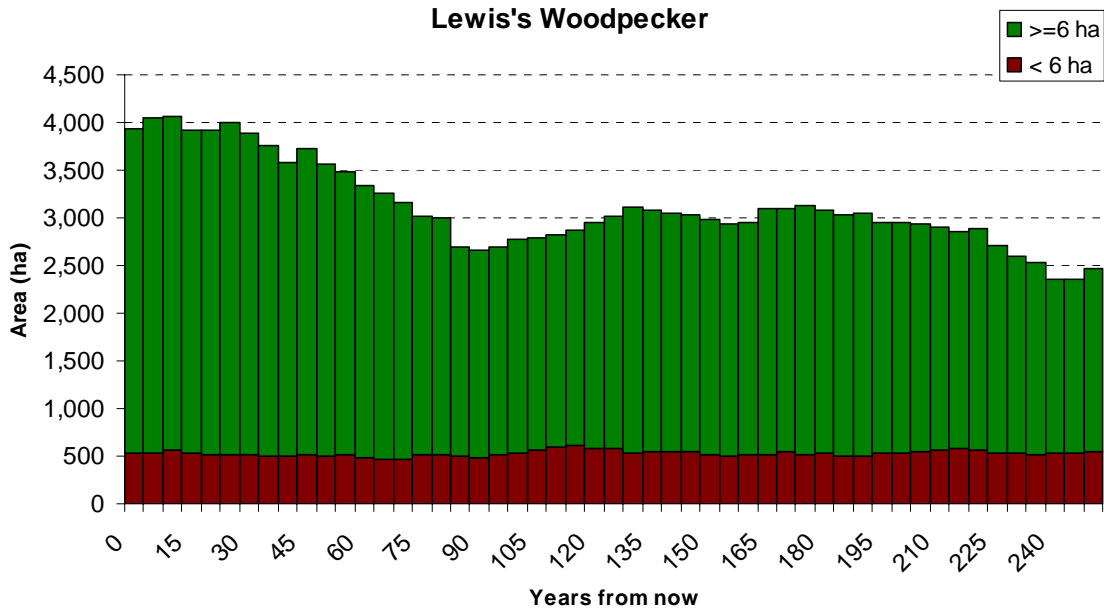


Figure 52. Reduced Planting Densities projection of Species Specific Habitat for the Lewis's Woodpecker.

Enhanced Reserves

Timber Supply Indicators

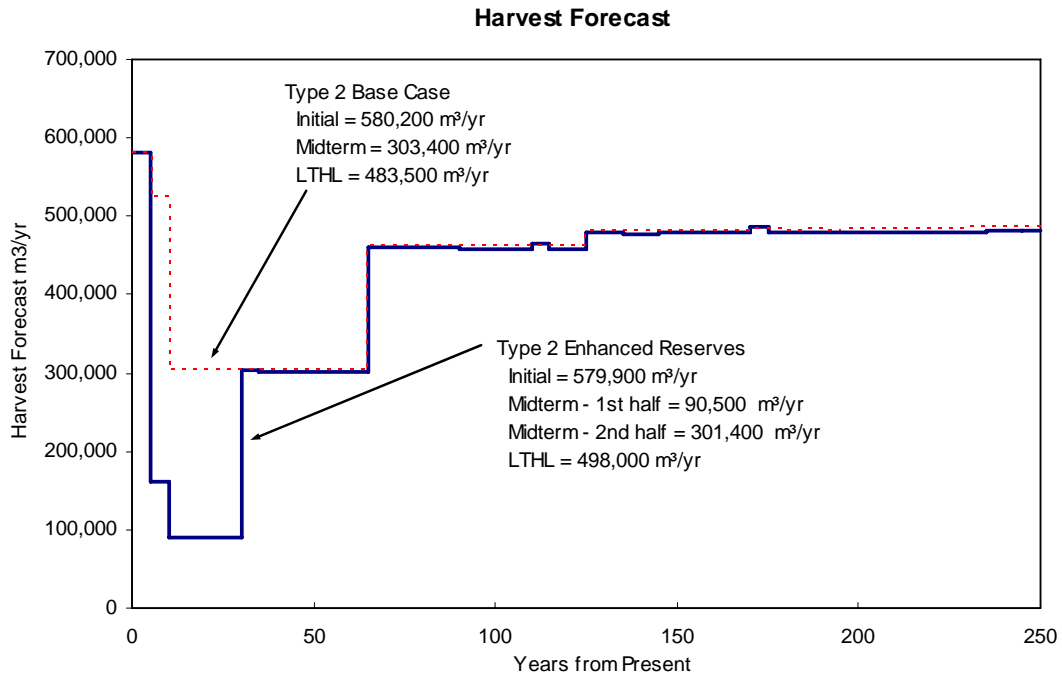


Figure 53 . Enhanced Reserves harvest flow projection compared to Type 2 Revised Base Case.

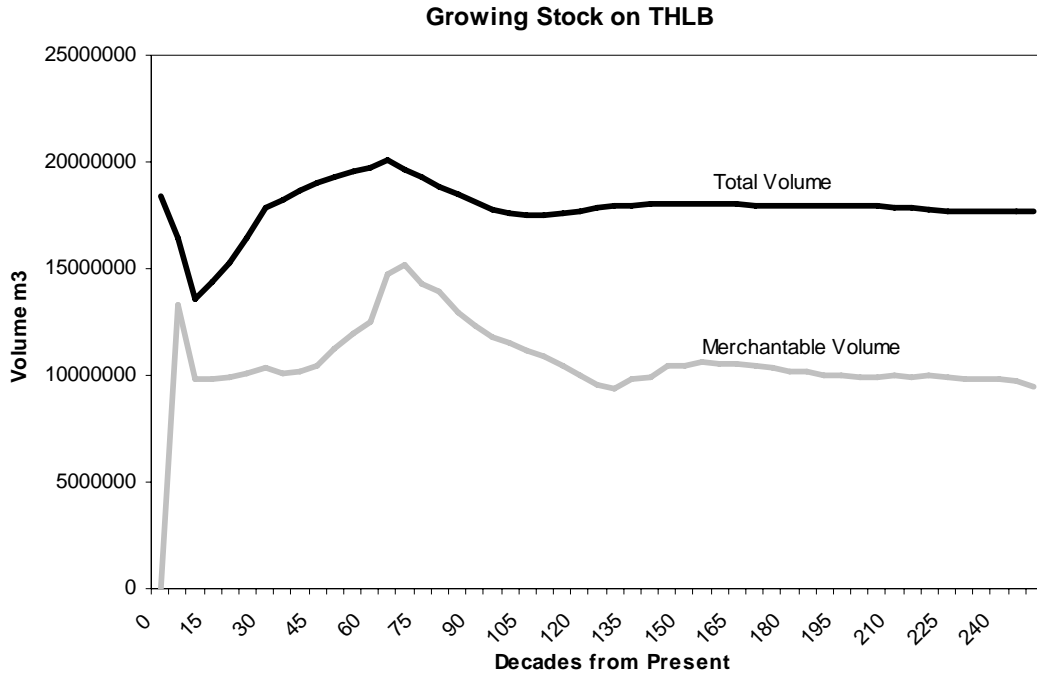


Figure 54. Enhanced Reserves merchantable and total growing stock (THLB).

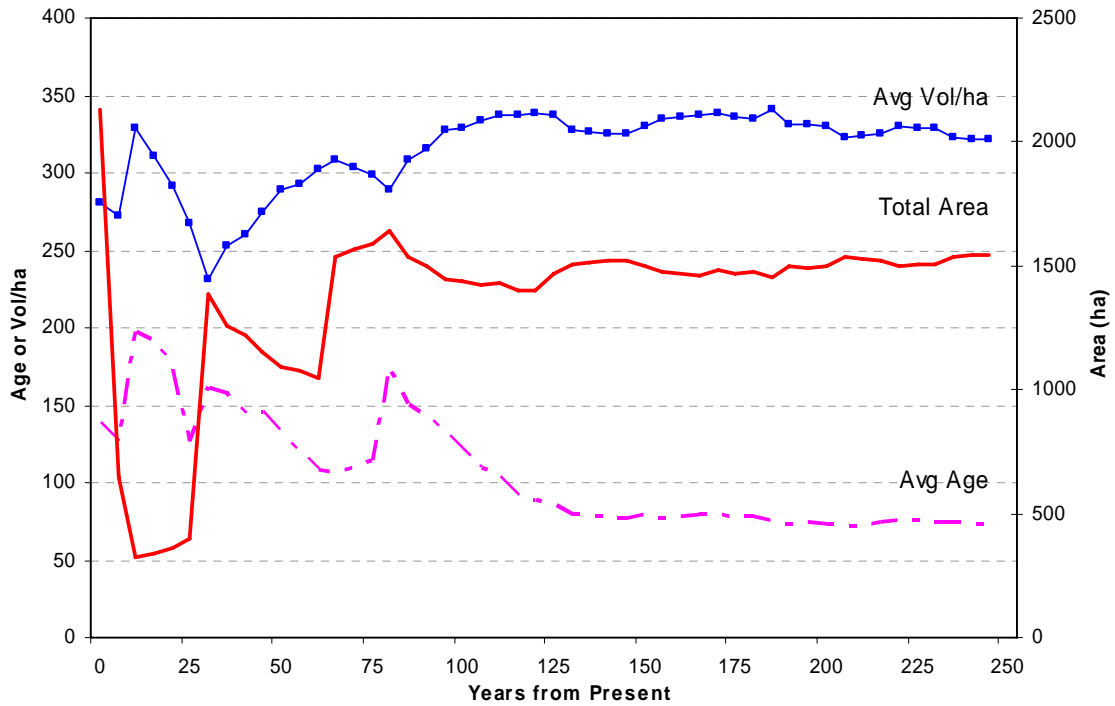


Figure 55. Enhanced Reserves average harvest age / volume / areas.

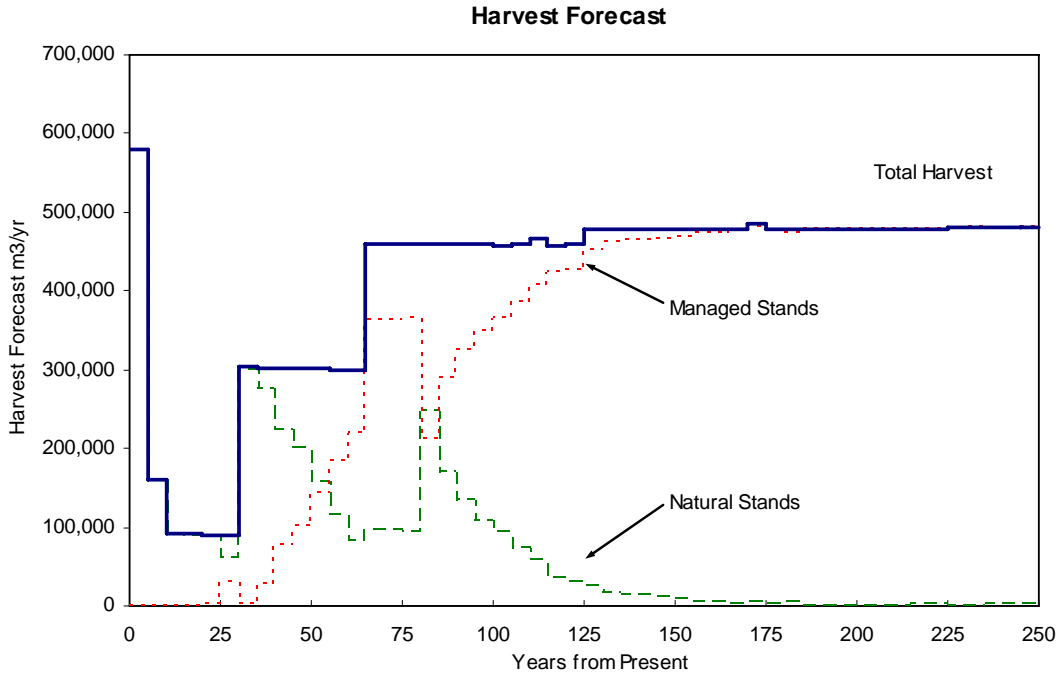


Figure 56. Enhanced Reserves transition of natural stands to managed stands.

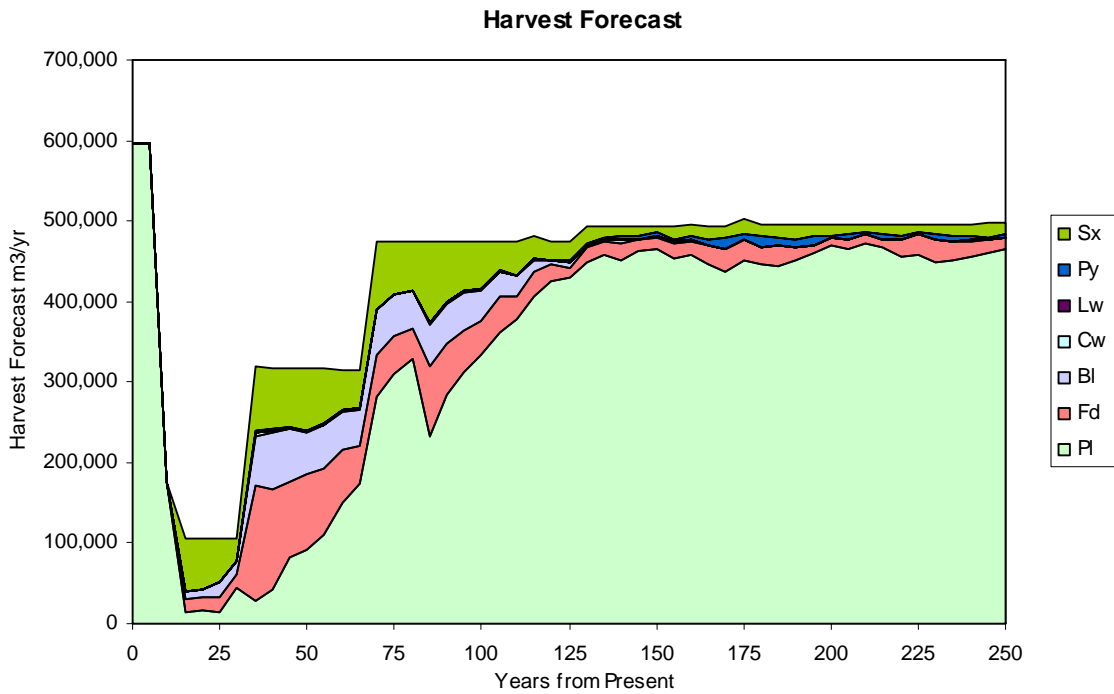


Figure 57. Enhanced Reserves projected tree species contribution to harvest

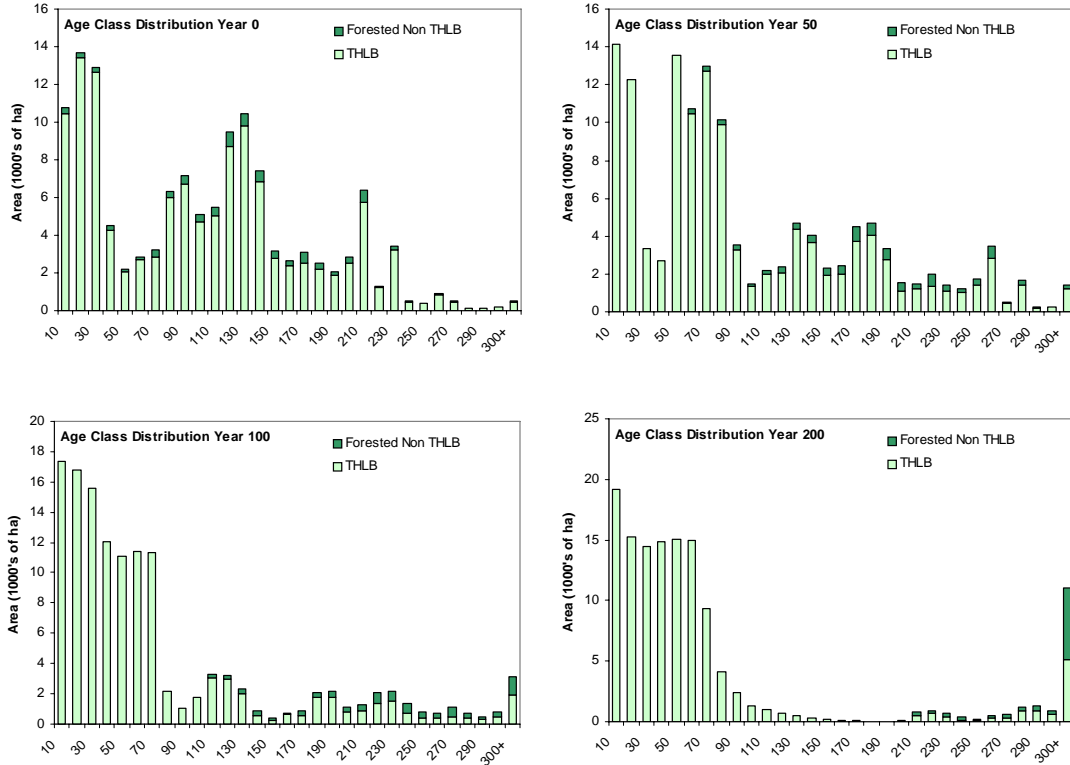


Figure 58. Enhanced Reserves projected Age Class Distribution 0,50,100, and 200 years into the future.

Economic Indicators

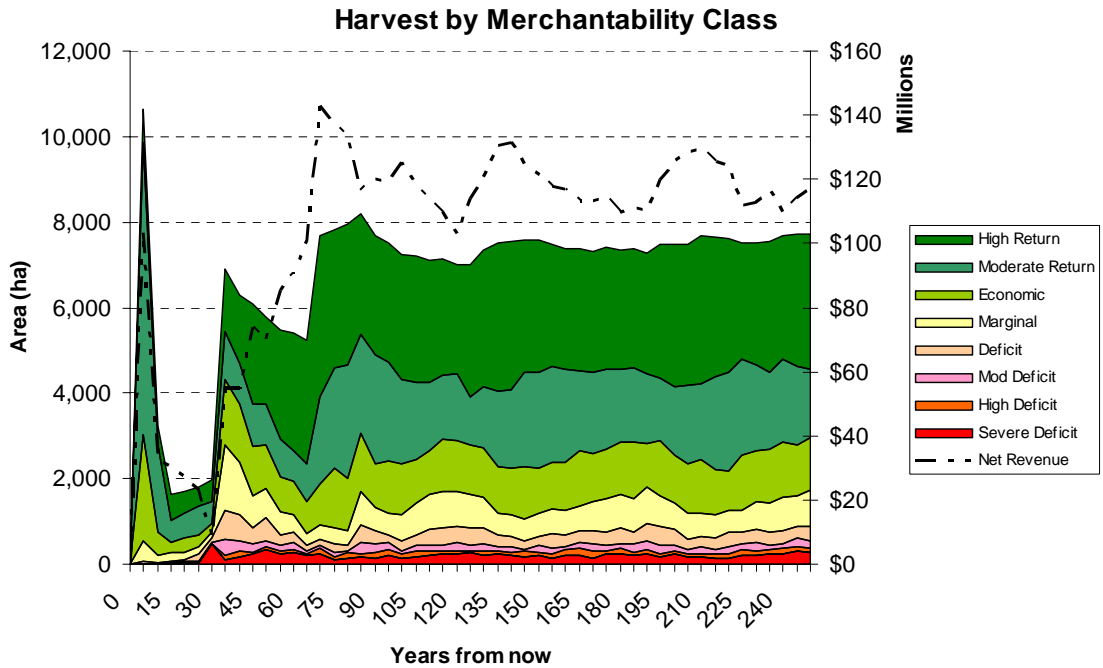


Figure 59. Enhanced Reserves projection of Harvest by Merchantability class.

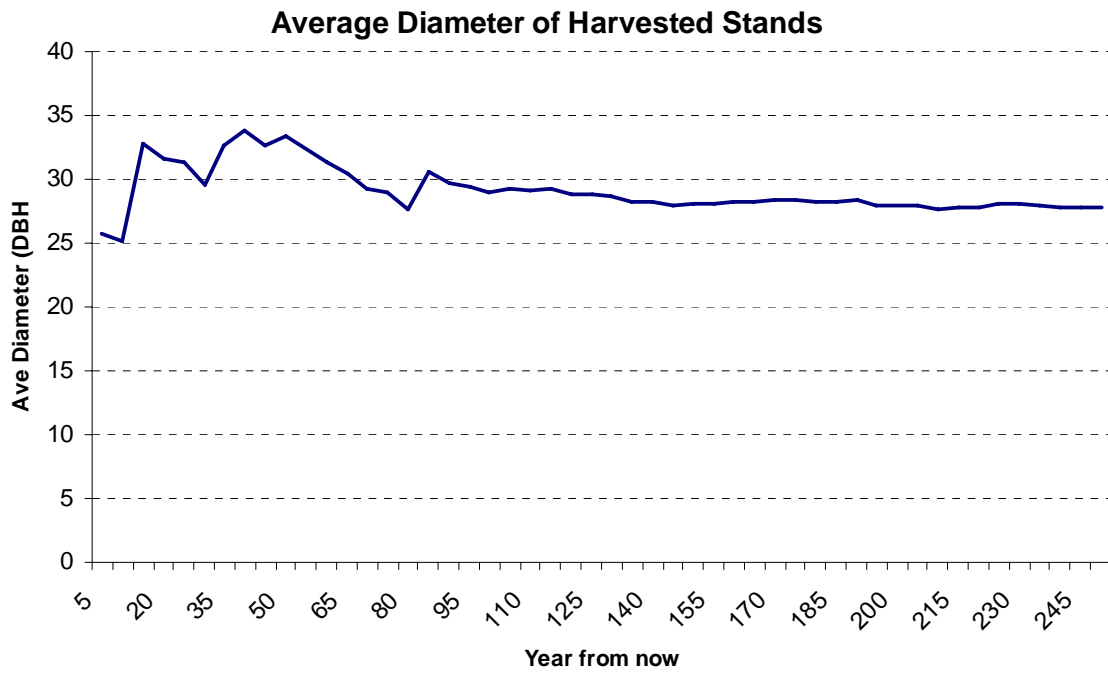


Figure 60. Enhanced Reserves projection of average diameter of harvested stands.

Watershed, Ecosystem, and Habitat Indicators

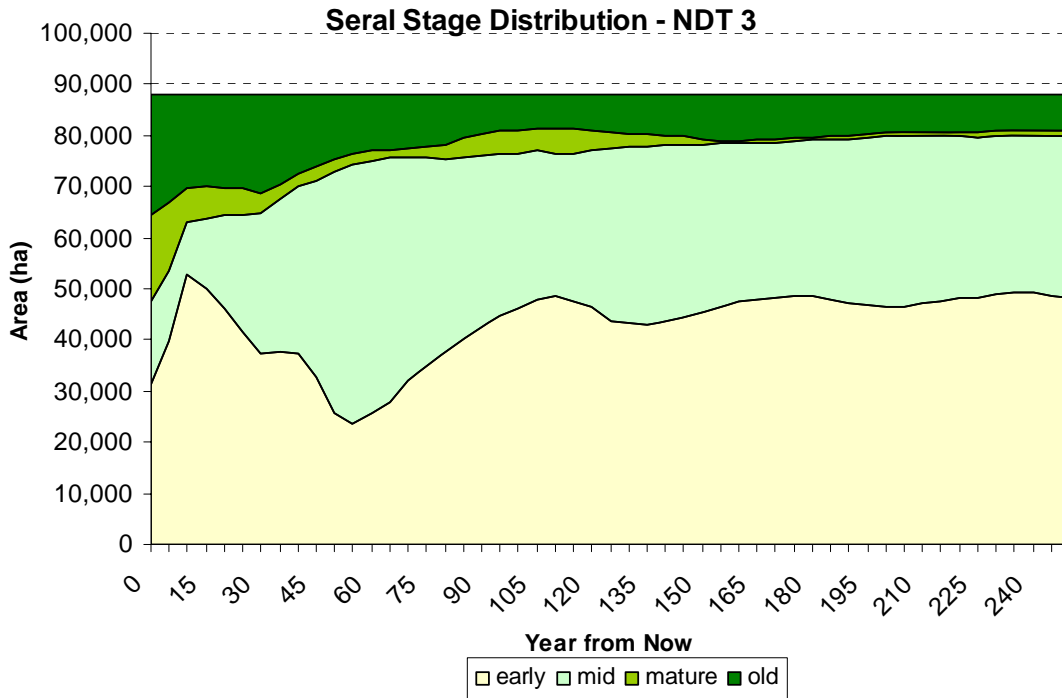


Figure 61. Enhanced Reserves Projection of serai stage distribution for NDT 3.

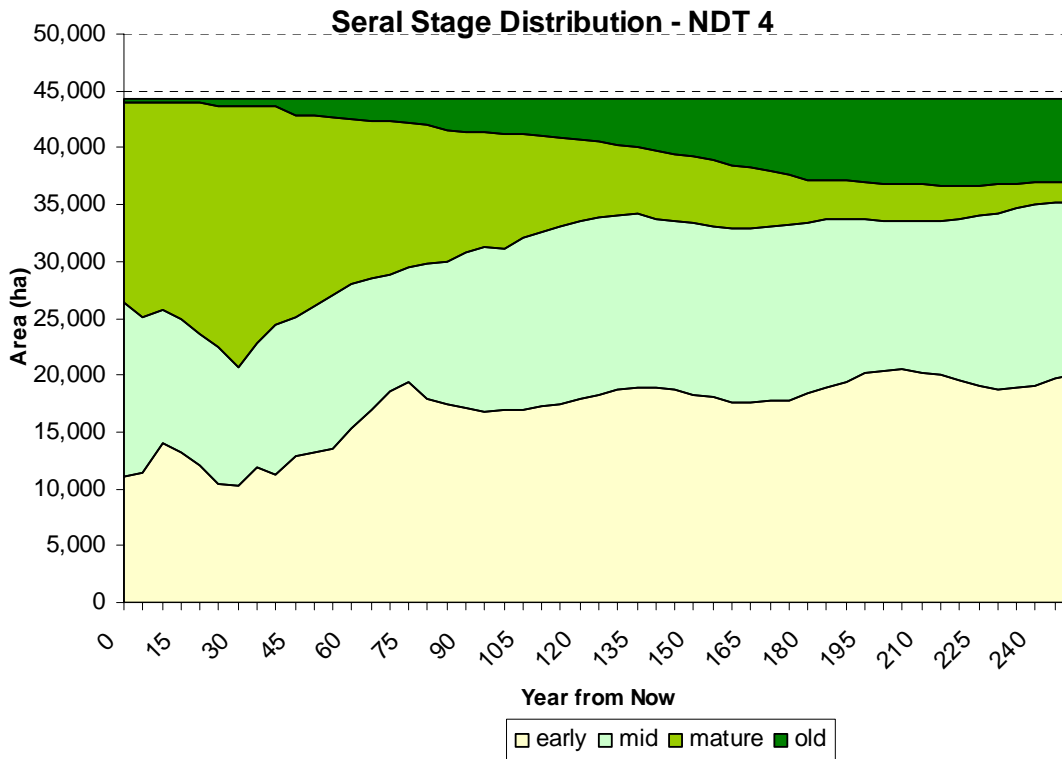


Figure 62. Enhanced Reserves Projection of serai stage distribution for NDT 4.

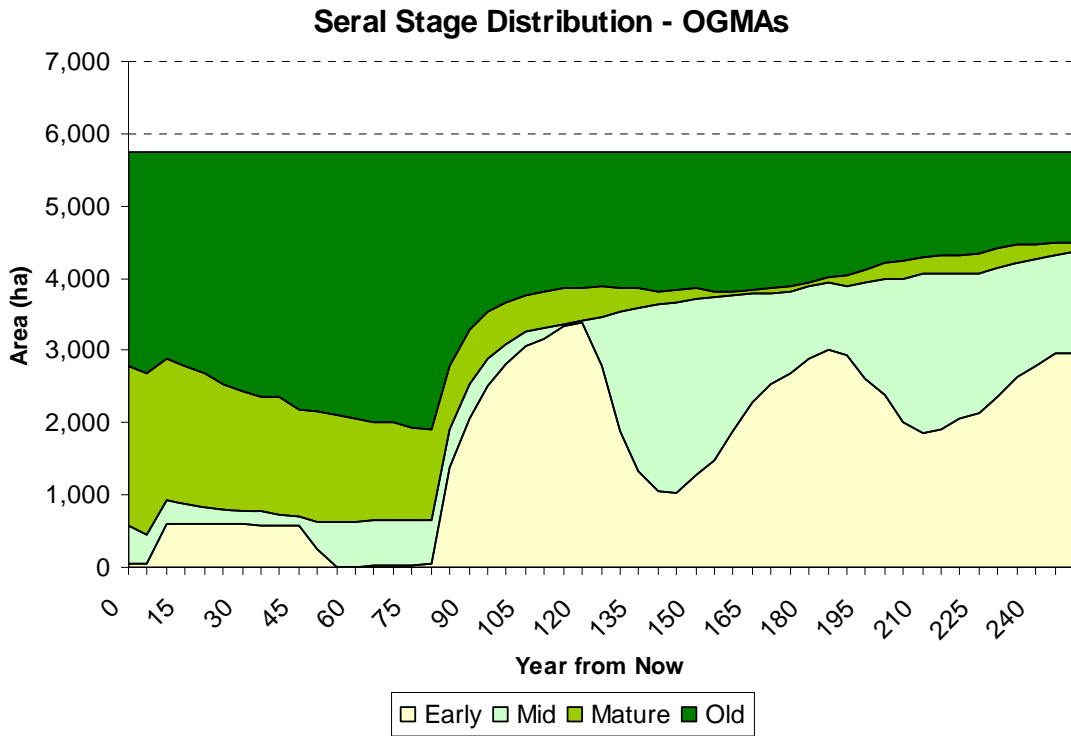


Figure 63. Enhanced Reserves - serai stage distribution for spatially explicit OGMAs.

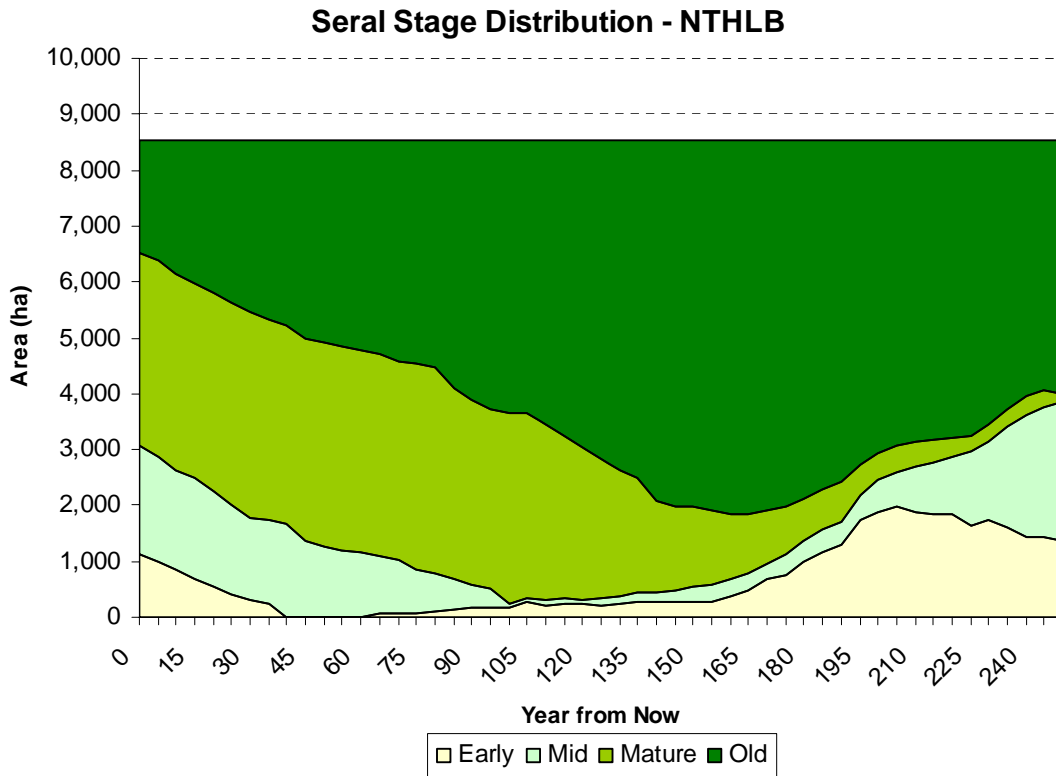


Figure 64. Enhanced Reserves Projection of serai stage distribution for the NTHLB.

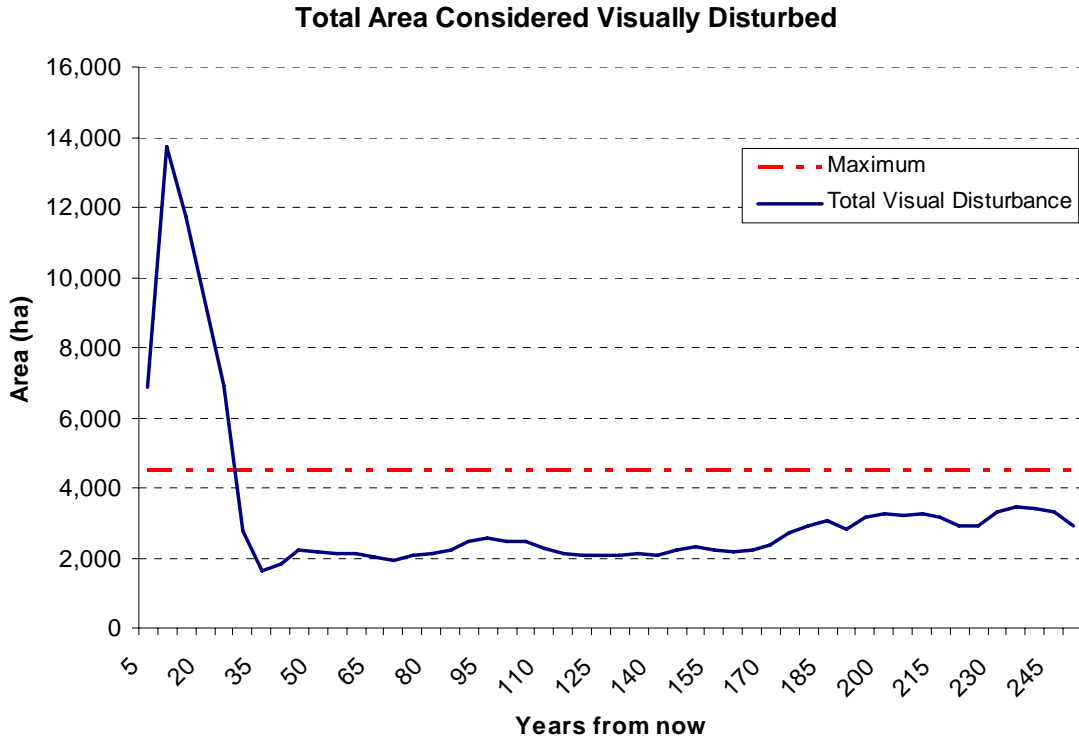


Figure 65. Enhanced Reserves projection of total area considered Visually Disturbed.

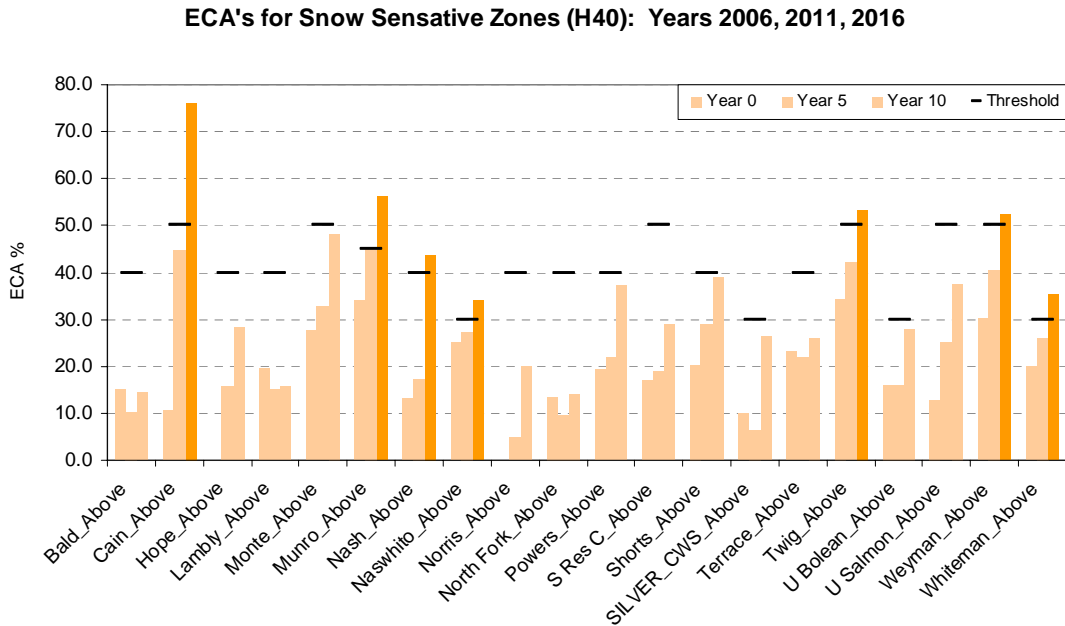


Figure 66. Enhanced Reserves ECA's for watershed above H40 (yrs 2006, 2011, 2016).

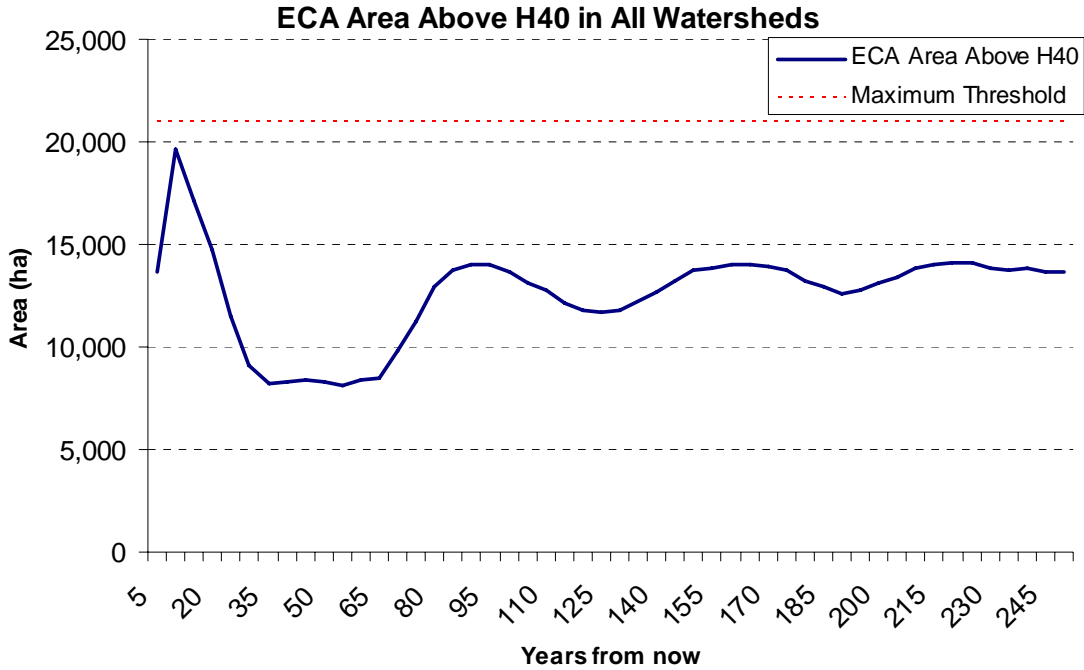


Figure 67. Enhanced Reserves Total ECA from all watersheds above H40.

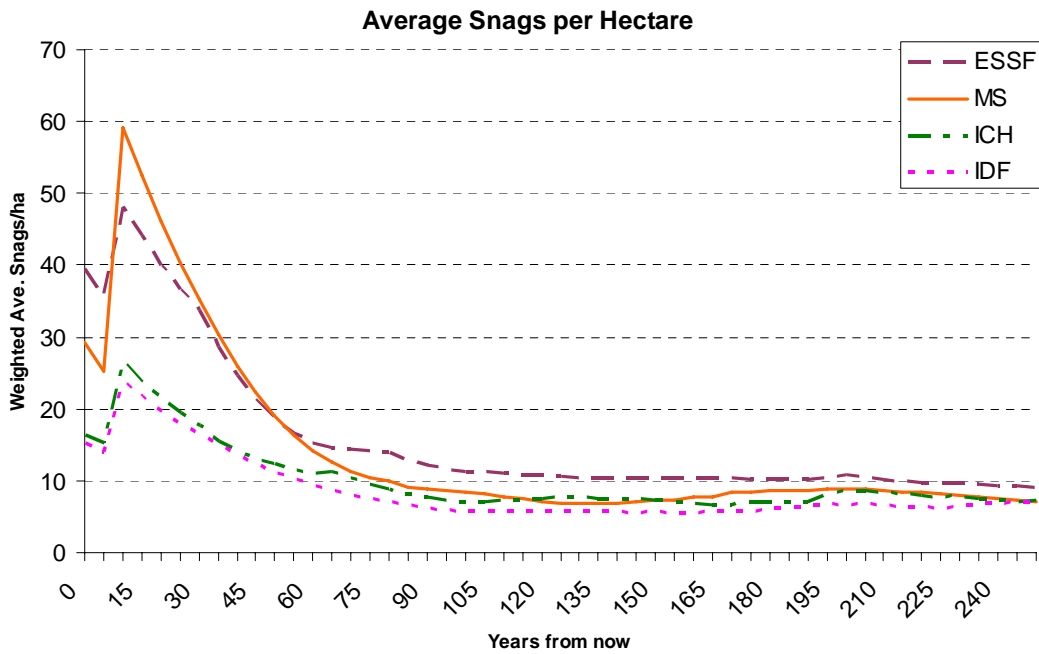


Figure 68. Enhanced Reserves projection of Average Snags per Hectare by BEC Zone

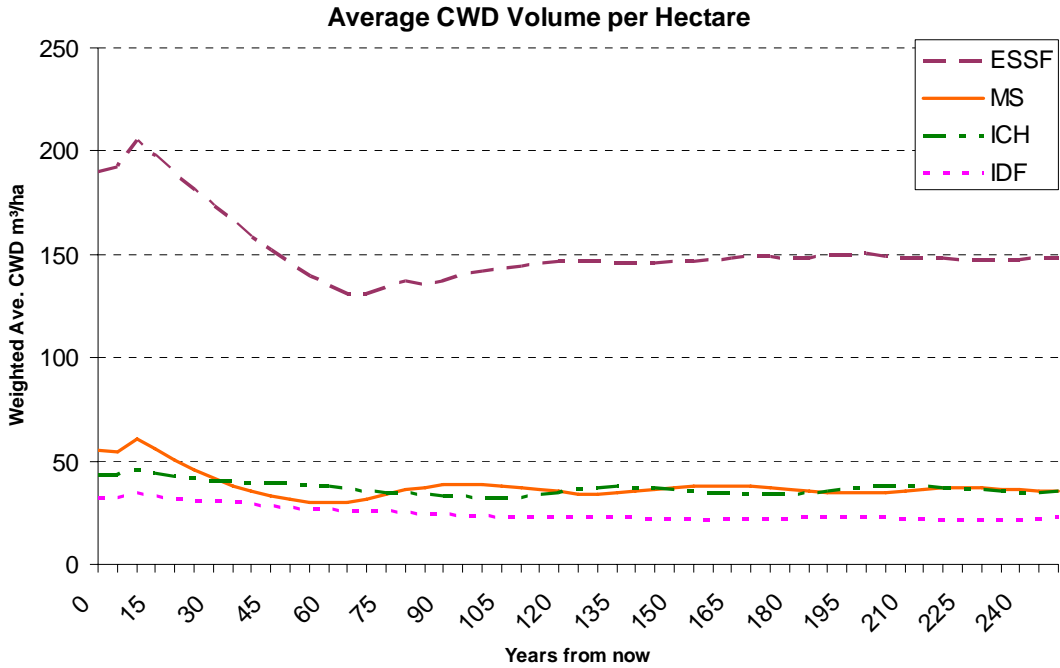


Figure 69. Enhanced Reserves projection of average CWD volume per hectare

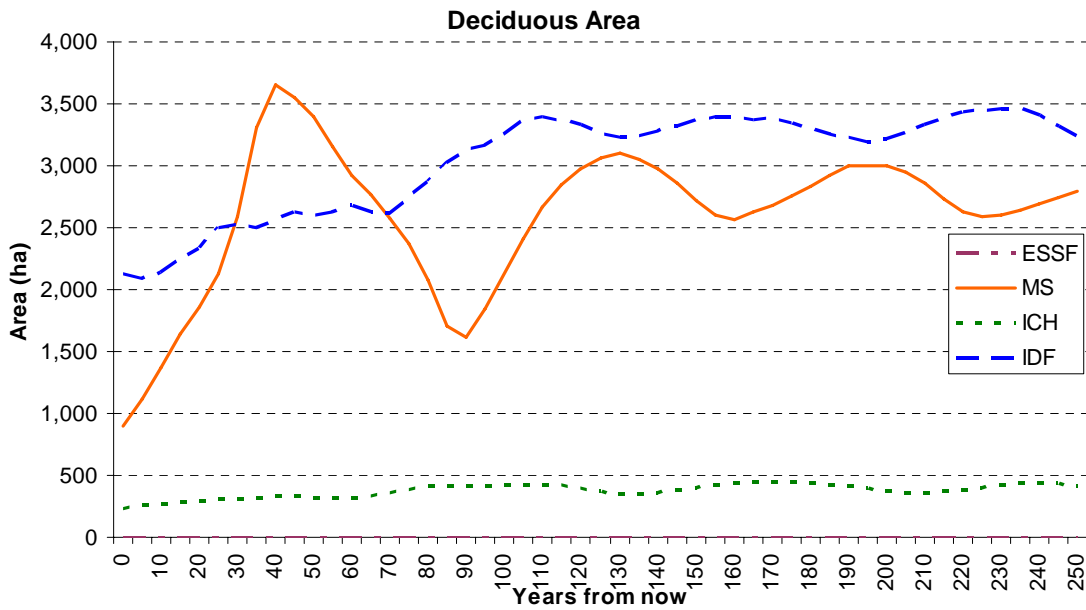


Figure 70. Enhanced Reserves projection of Deciduous area.

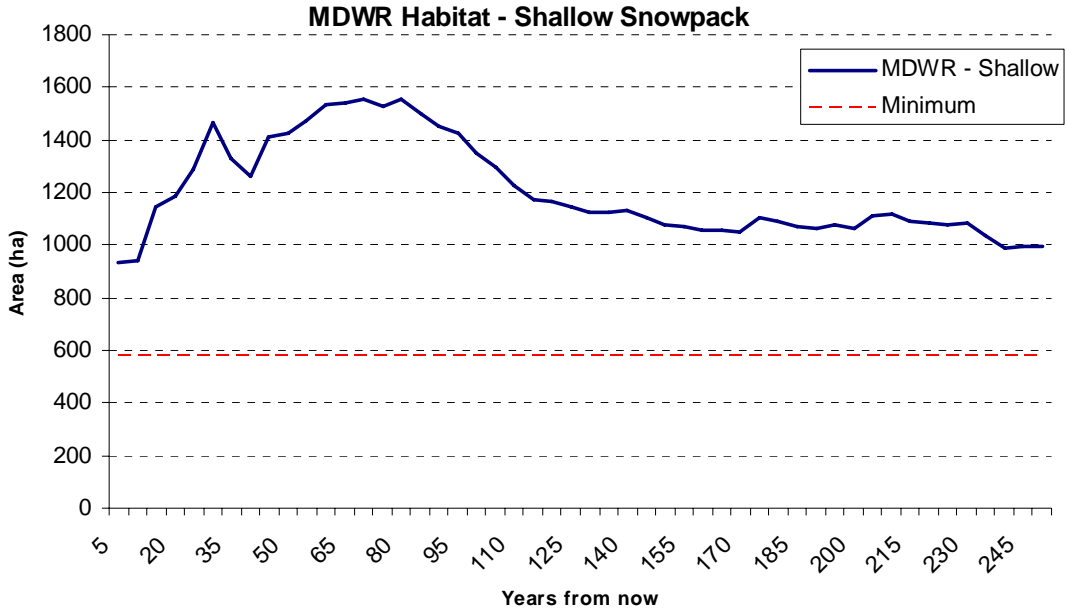


Figure 71. Enhanced Reserves projection of MDWR Habitat in the shallow snowpack zone.

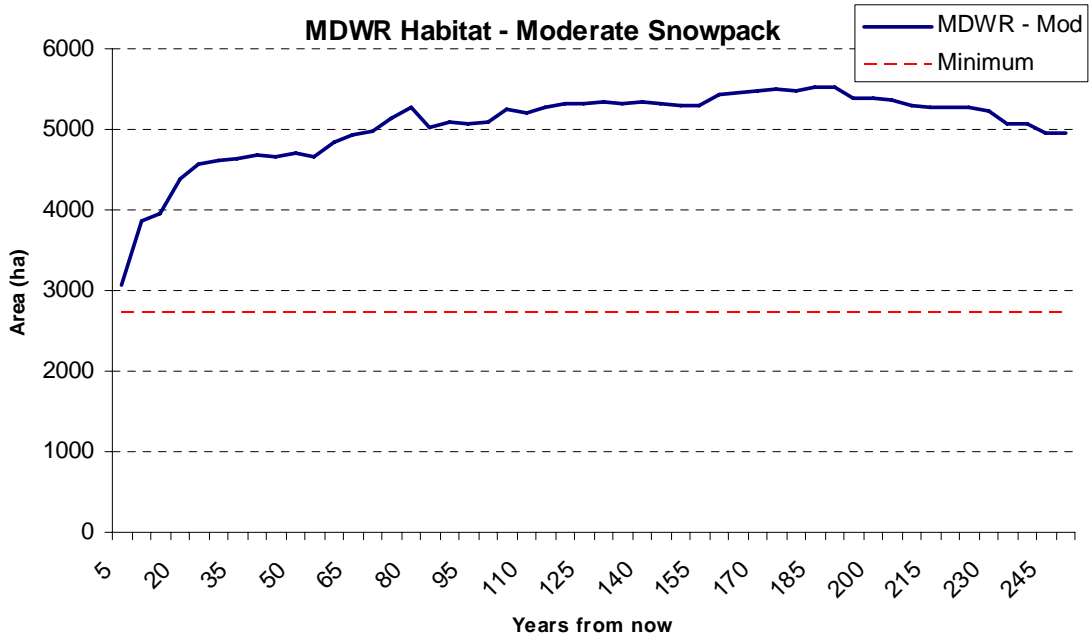


Figure 72. Enhanced Reserves projection of Moderate Snowpack MDWR Habitat.

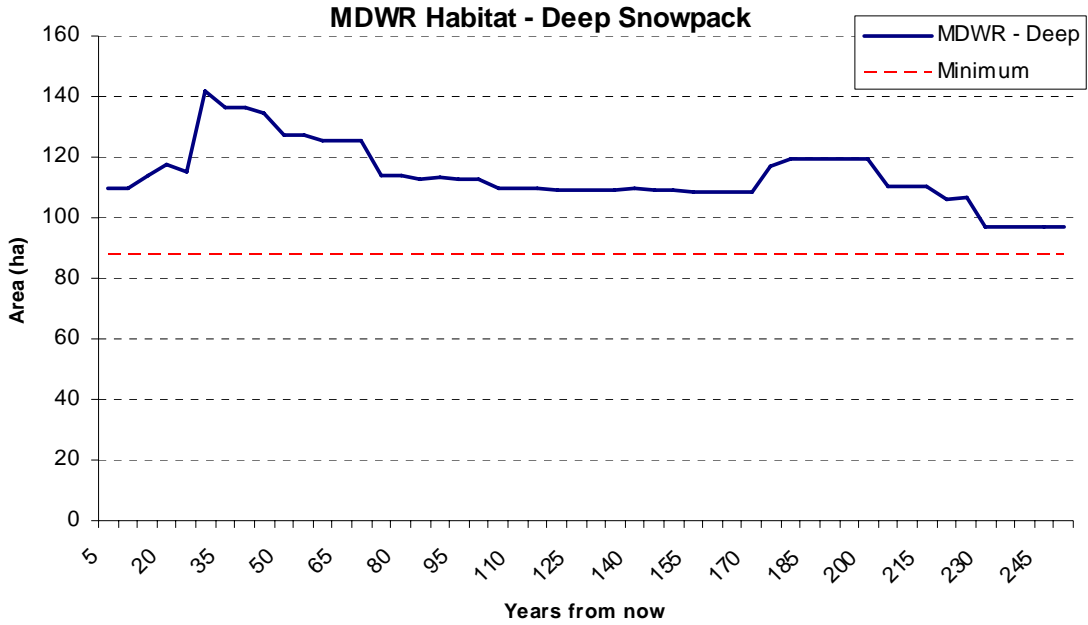


Figure 73. Enhanced Reserves projection of MDWR Habitat in the deep snowpack zone.

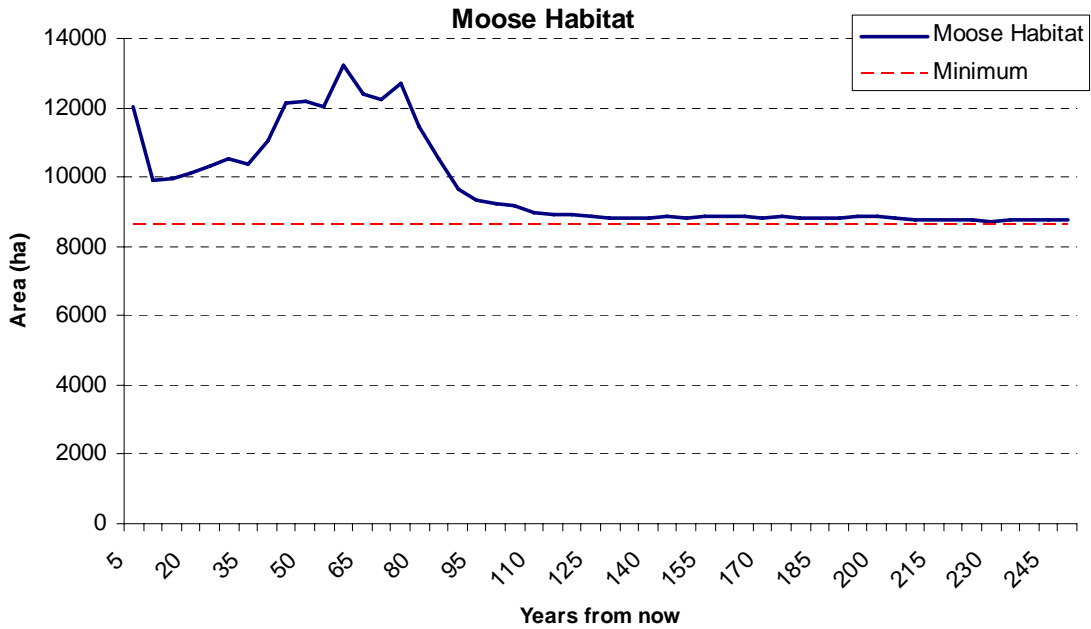


Figure 74. Enhanced Reserves projection of moose habitat.

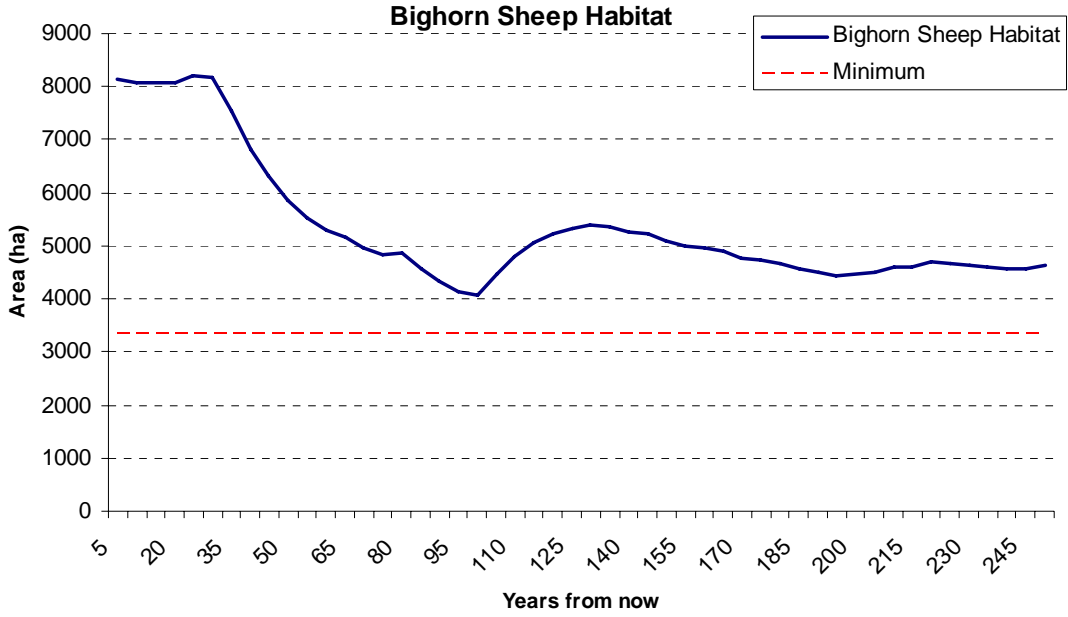


Figure 75. Enhanced Reserves projection of Bighorn Sheep Habitat.

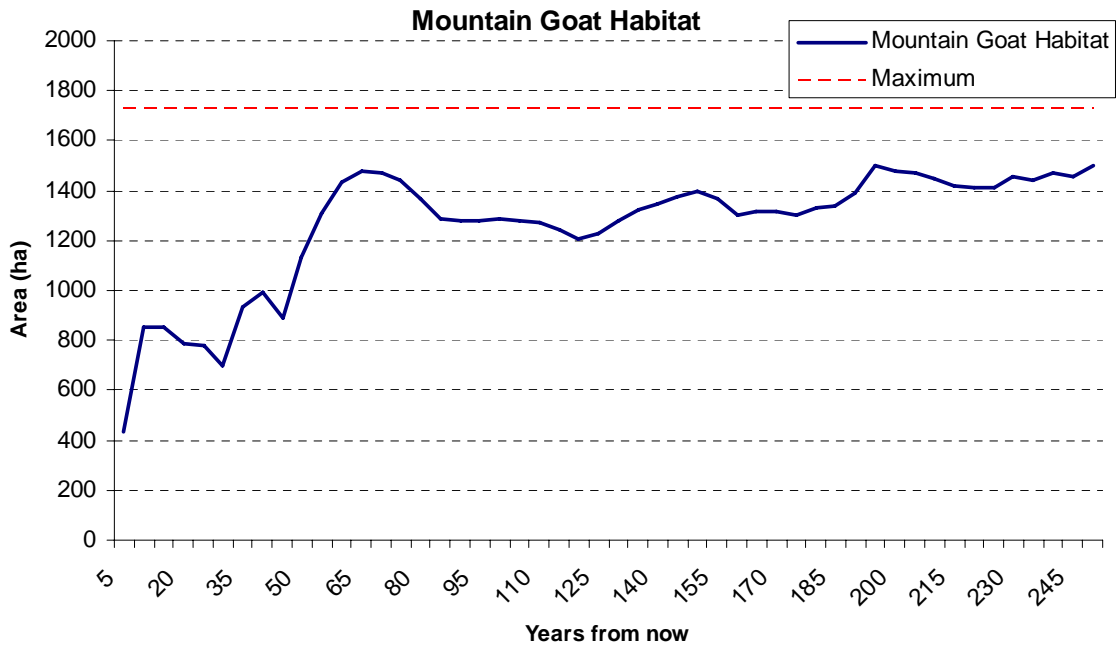


Figure 76. Enhanced Reserves projection of Mountain Goat Habitat (area <33yrs old).

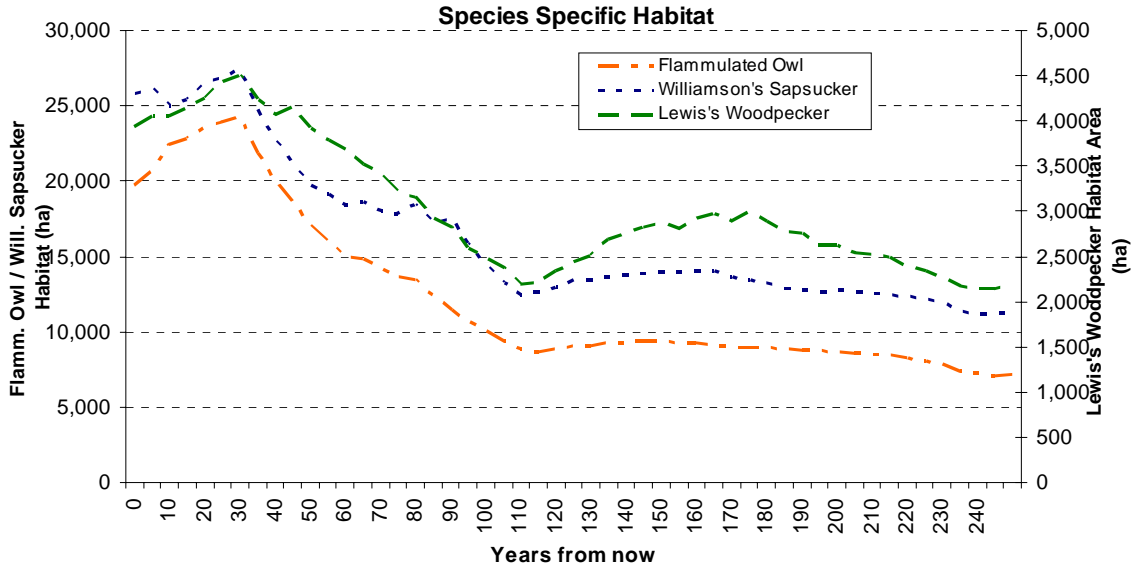


Figure 77. Enhanced Reserves projection of Species Specific Habitat for the Flammulated Owl, Williamson's Sapsucker, and Lewis's Woodpecker.

Enhanced Reserves with Limited Harvesting

Timber Supply Indicators

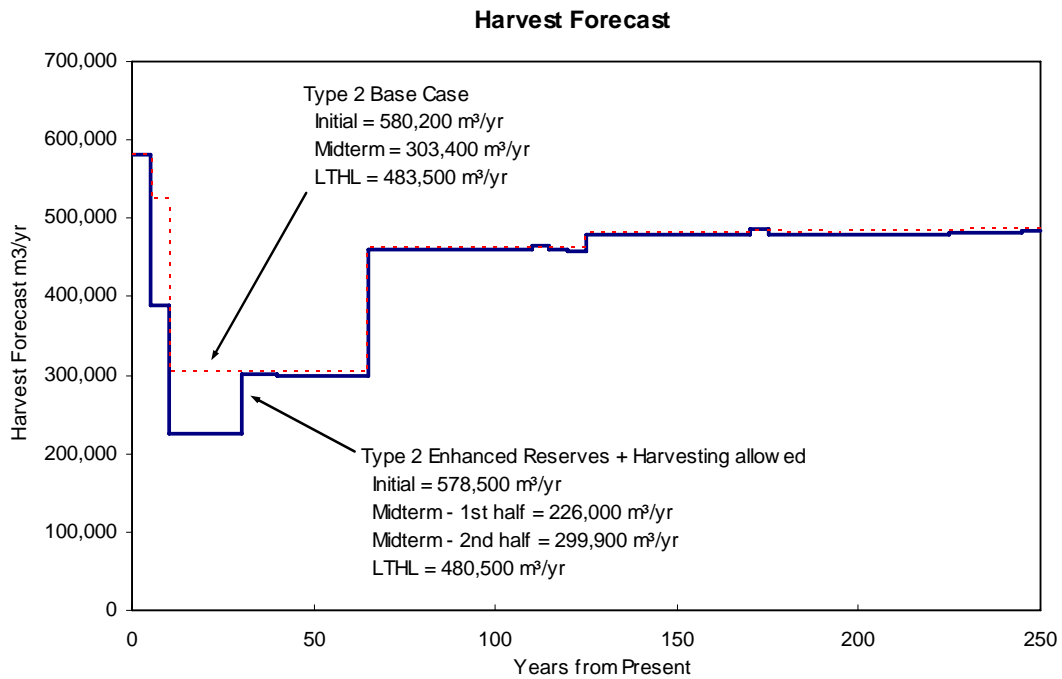


Figure 78 . Enhanced Reserves with Limited Harvesting harvest flow projection compared to Type 2 Revised Base Case.

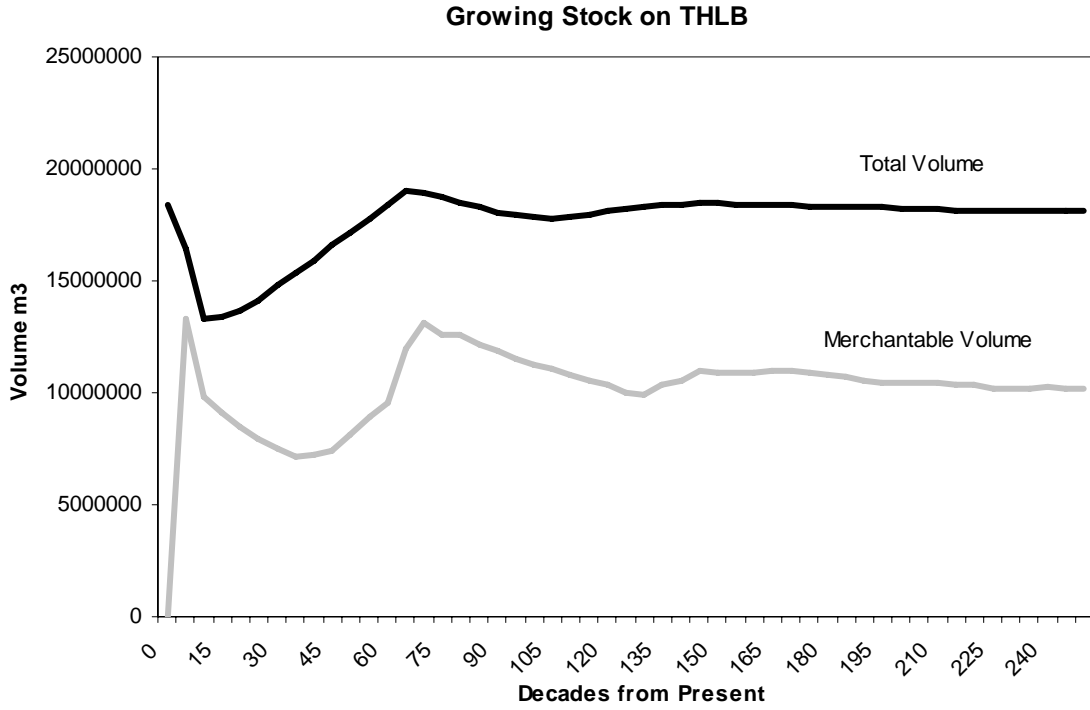


Figure 79. Enhanced Reserves with Limited Harvesting merchantable and total growing stock (THLB).

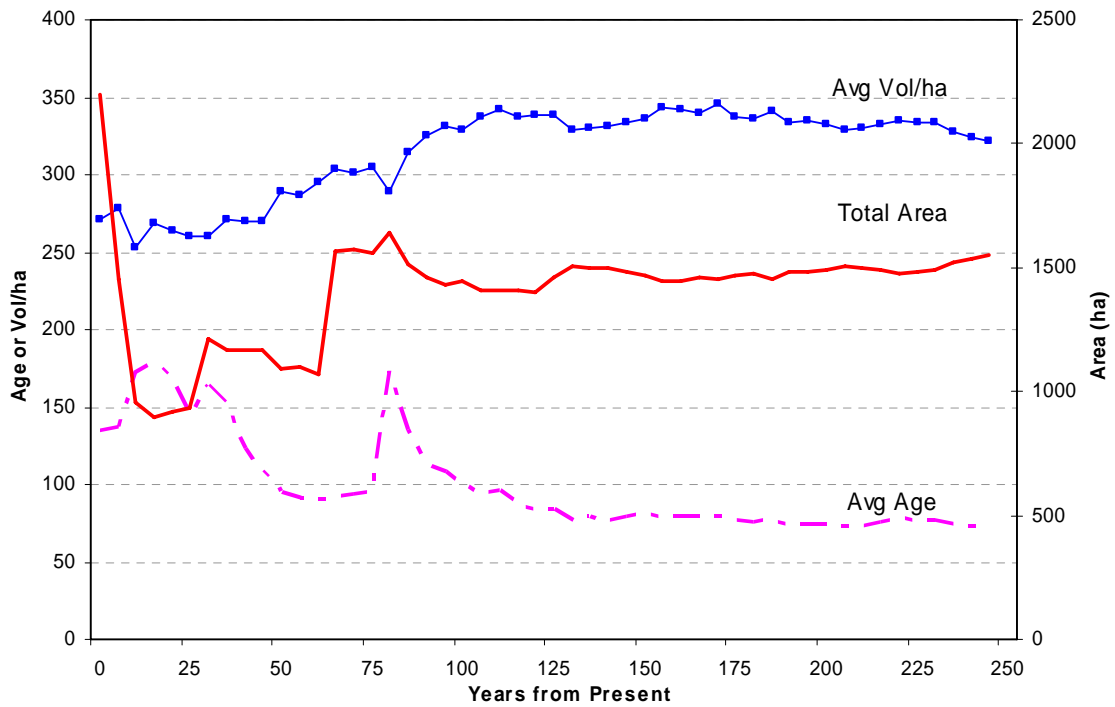


Figure 80. Enhanced Reserves with Limited Harvesting average harvest age / volume / areas.

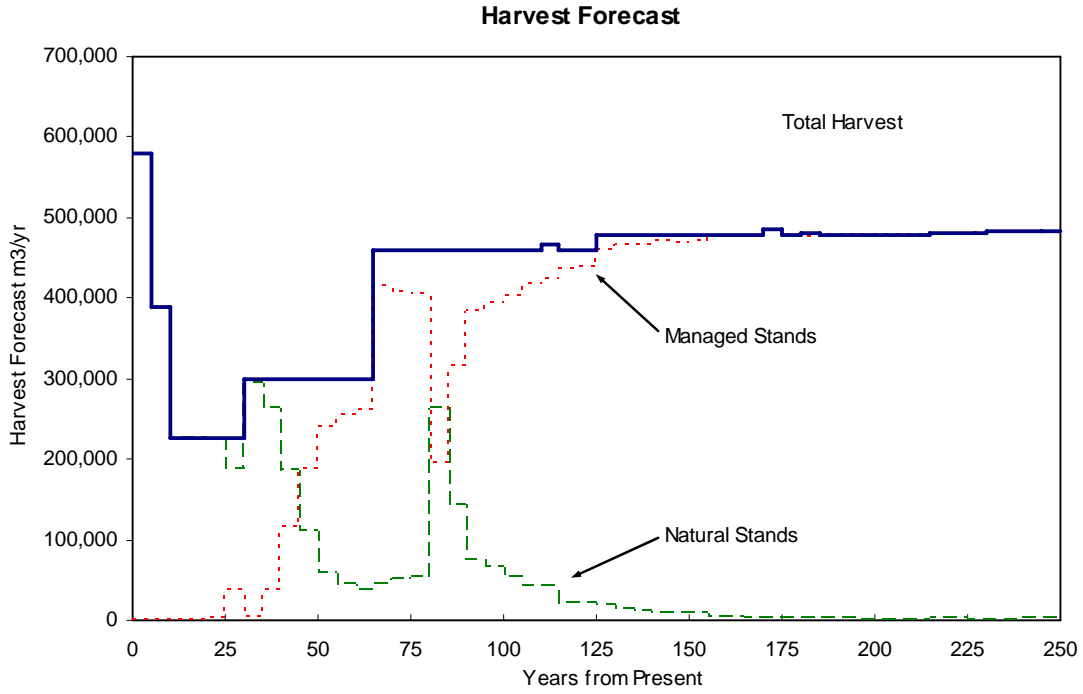


Figure 81. Enhanced Reserves with Limited Harvesting transition of natural stands to managed stands.

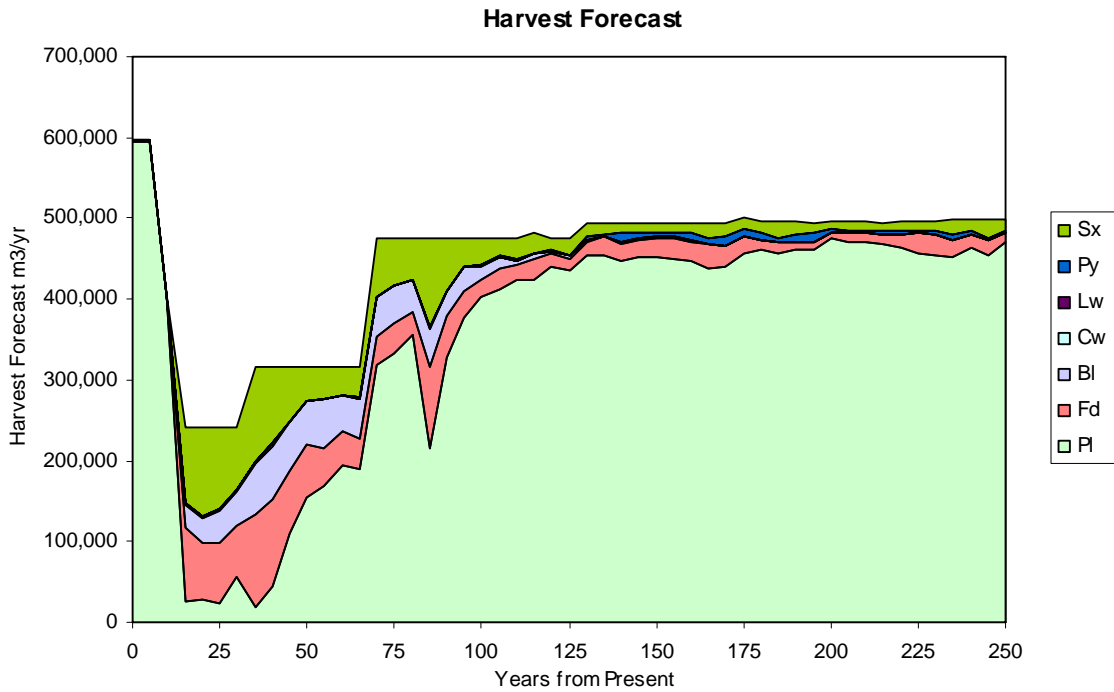


Figure 82. Enhanced Reserves with Limited Harvesting projected tree species contribution to harvest

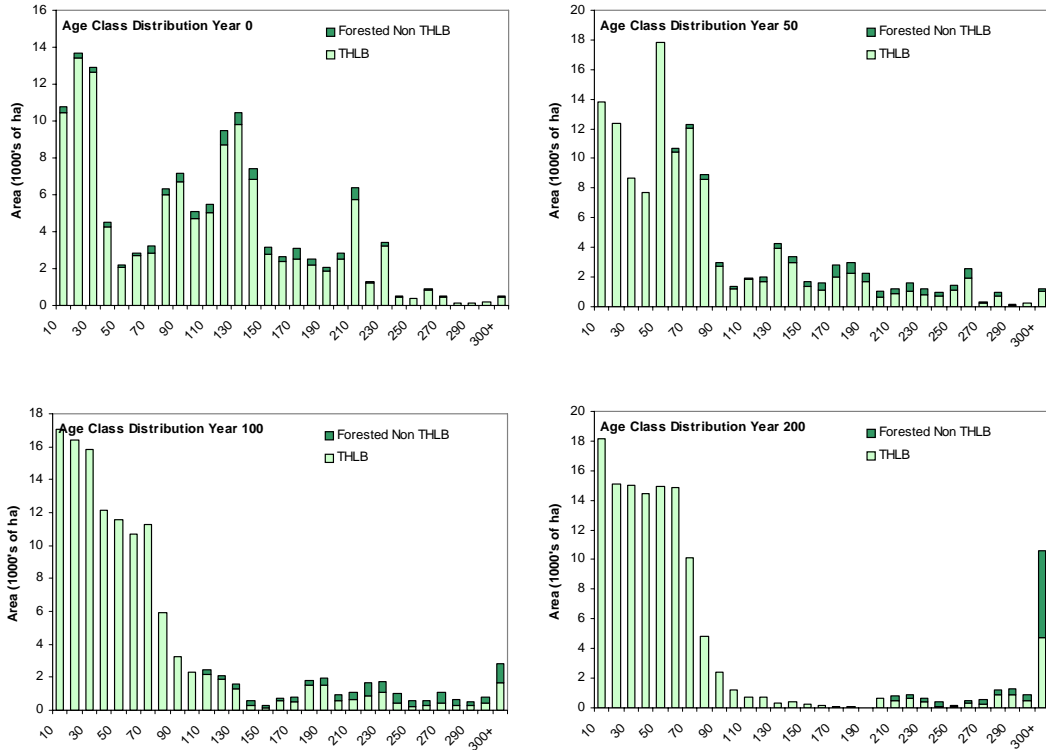


Figure 83. Enhanced Reserves with Limited Harvesting projected Age Class Distribution 0,50,100, and 200 years into the future.

Economic Indicators

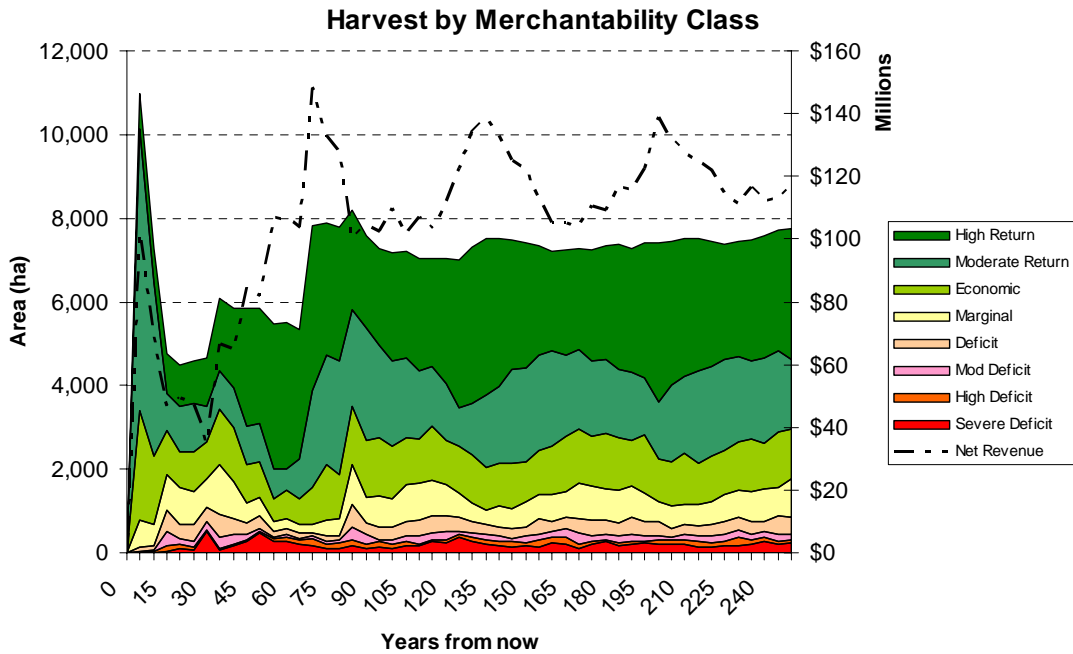


Figure 84. Enhanced Reserves with Limited Harvesting projection of Harvest by Merchantability class.

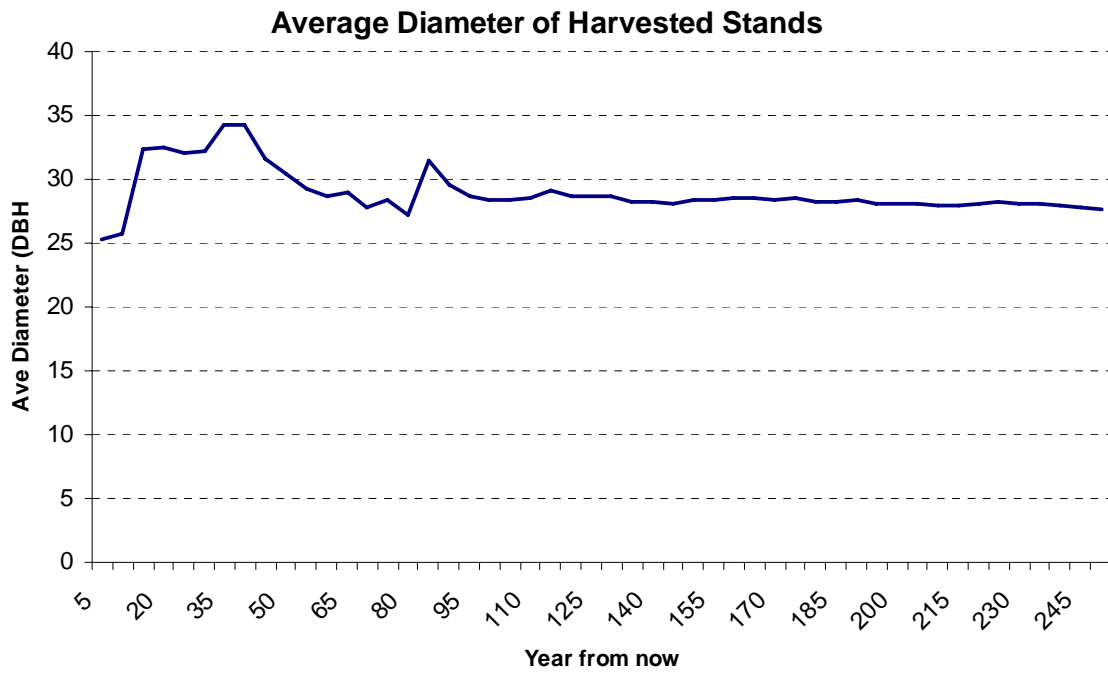


Figure 85. Enhanced Reserves with Limited Harvesting projection of average diameter of harvested stands.

Watershed, Ecosystem, and Habitat Indicators

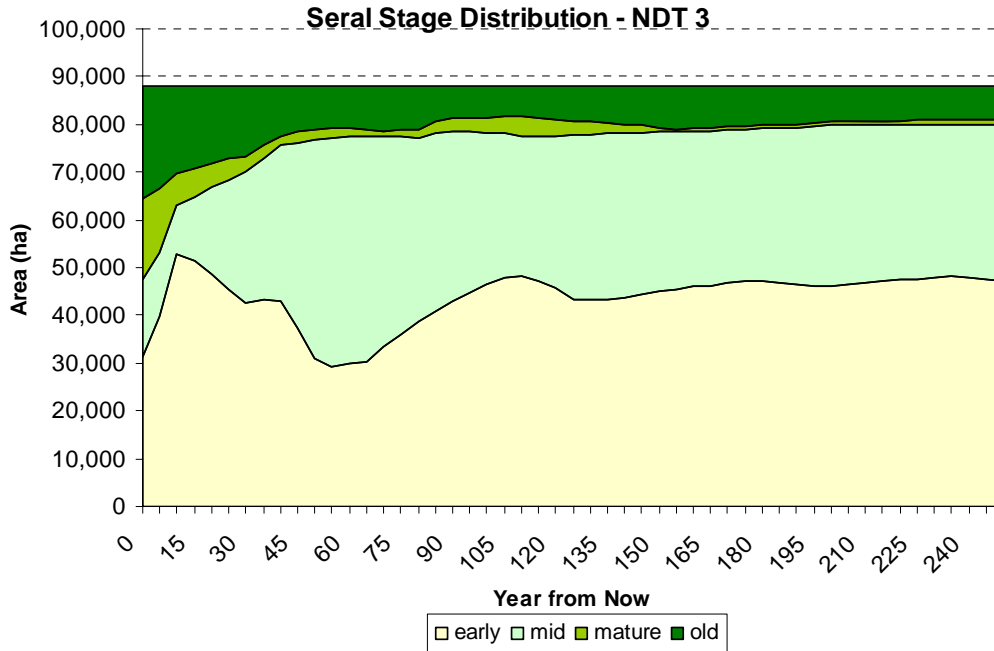


Figure 86. Enhanced Reserves with Limited Harvesting Projection of seral stage distribution for NDT 3.

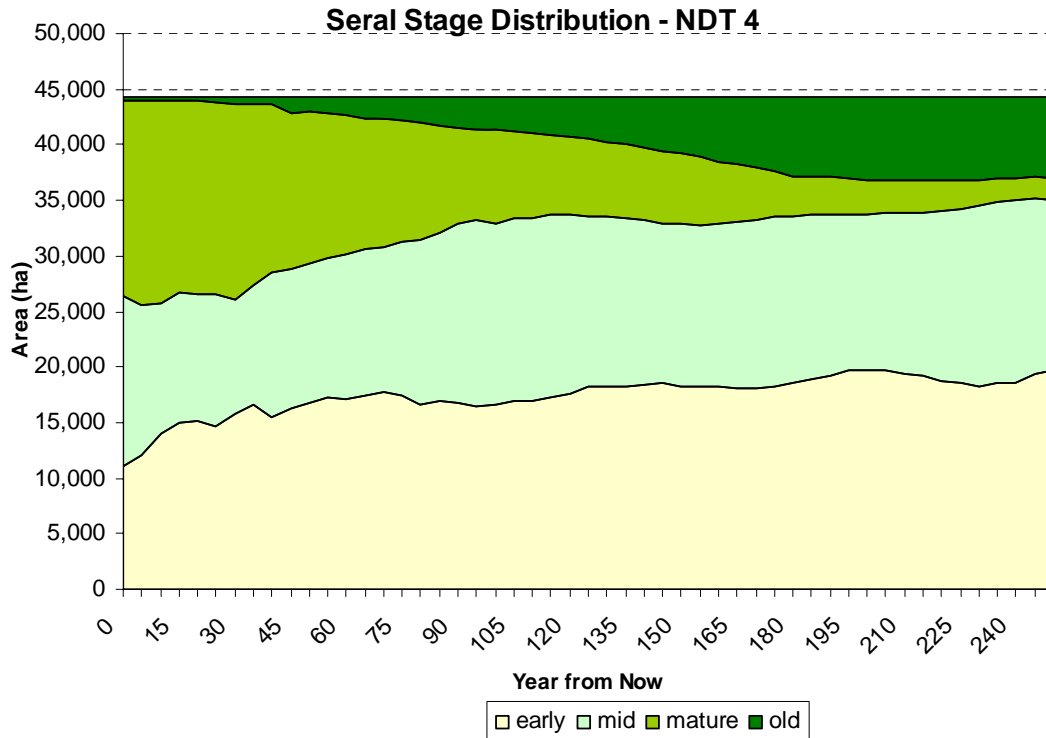


Figure 87. Enhanced Reserves with Limited Harvesting Projection of seral stage distribution for NDT 4.

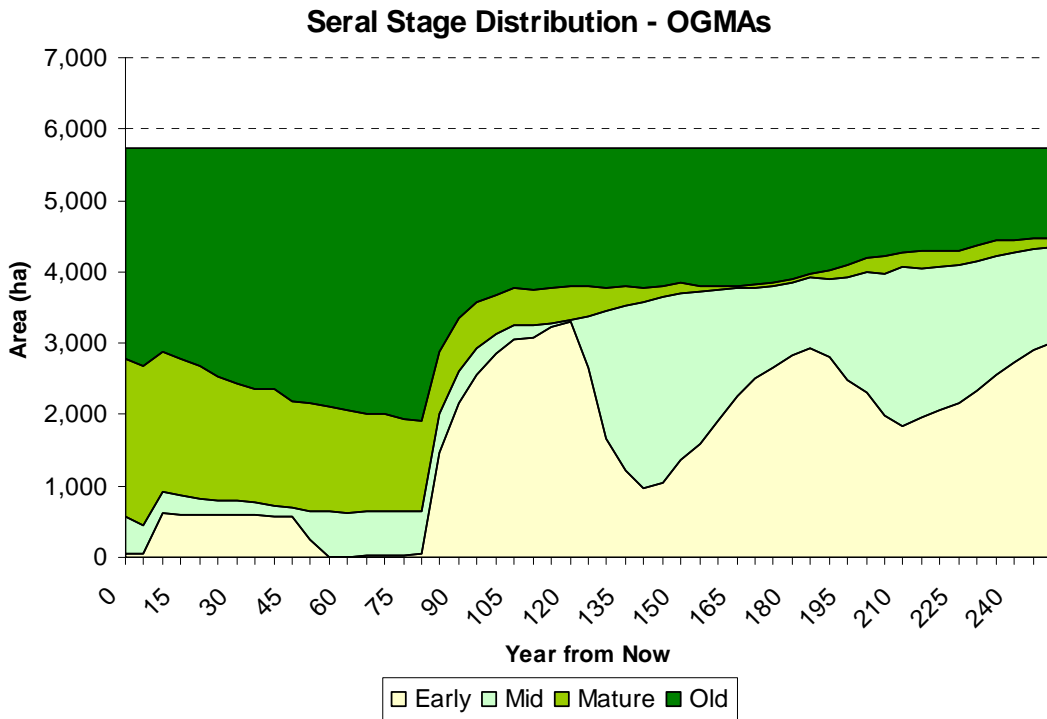


Figure 88. Enhanced Reserves with Limited Harvesting - serai stage distribution for spatially explicit OGMA.

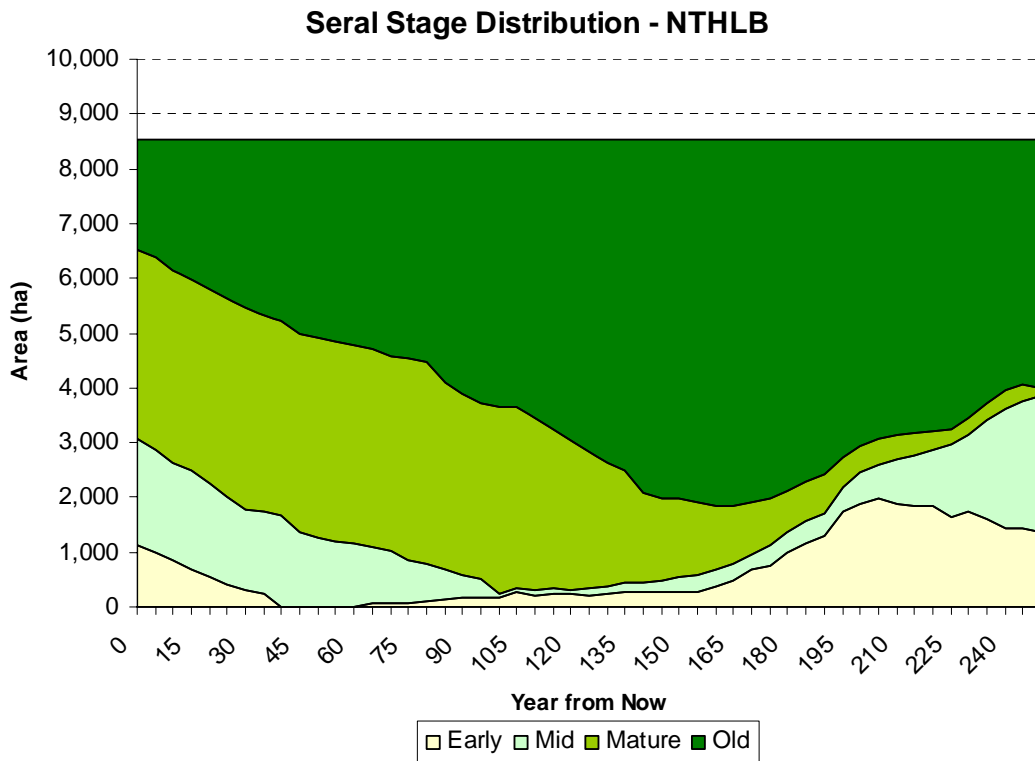


Figure 89. Enhanced Reserves with Limited Harvesting Projection of serai stage distribution for the NTHLB.

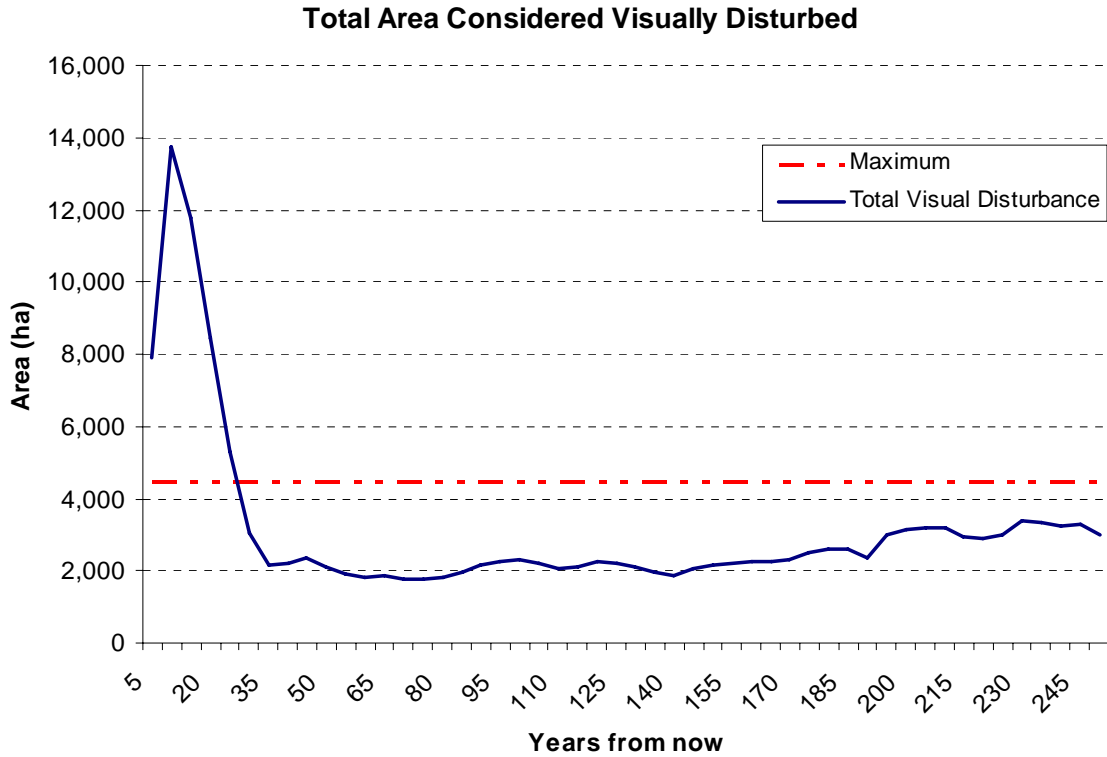


Figure 90. Enhanced Reserves with Limited Harvesting projection of total area considered Visually Disturbed.

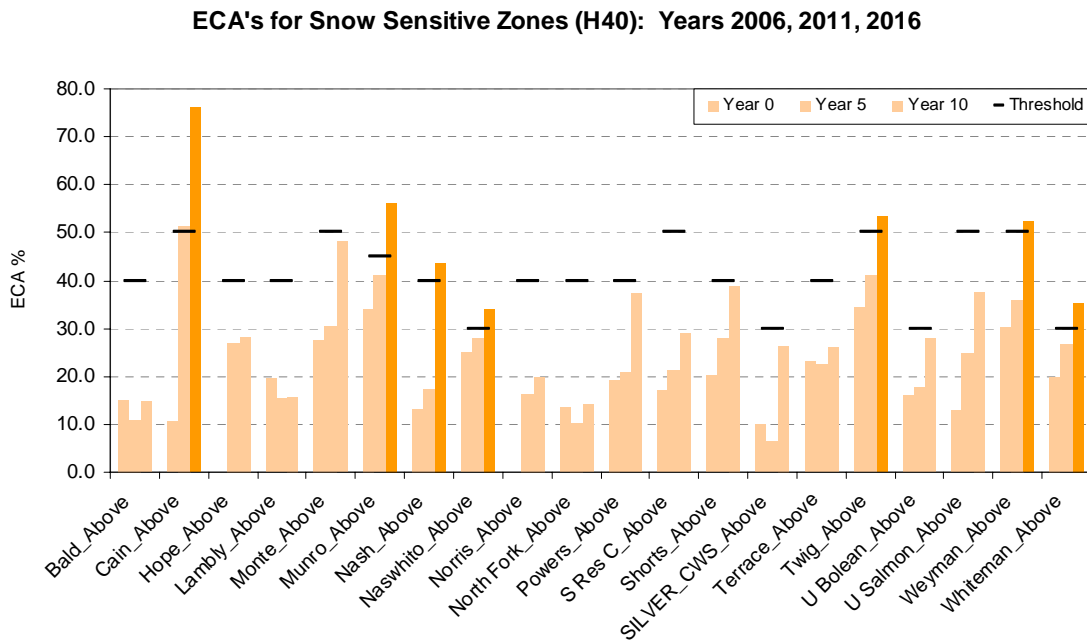


Figure 91. Enhanced Reserves with Limited Harvesting ECA's for watershed above H40 (yrs 2006, 2011, 2016).

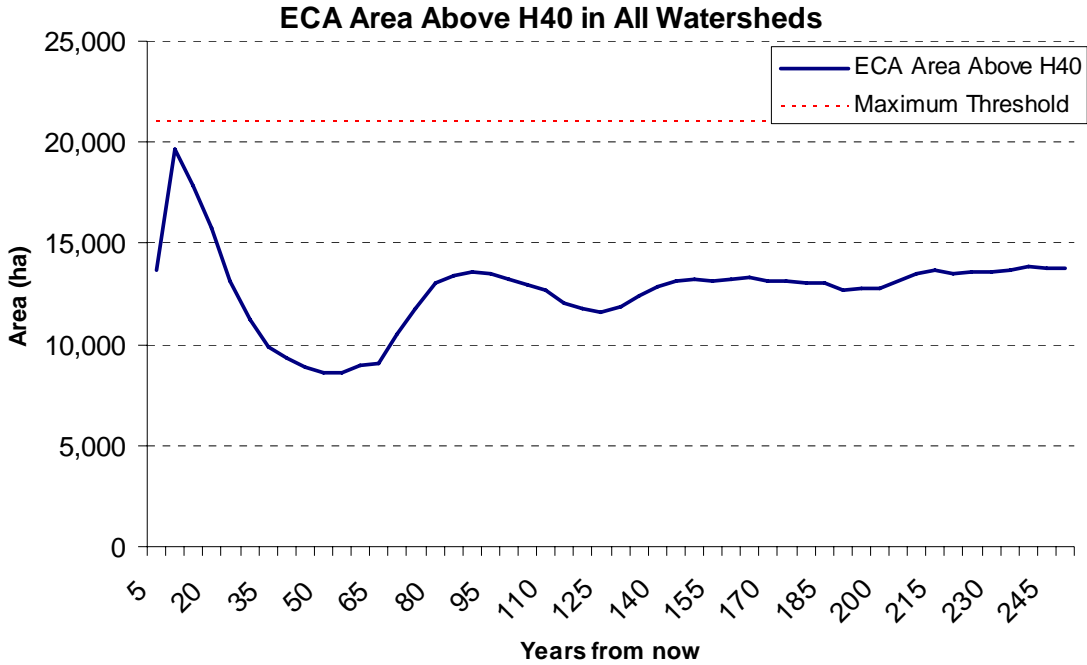


Figure 92. Enhanced Reserves with Limited Harvesting Total ECA from all watersheds above H40.

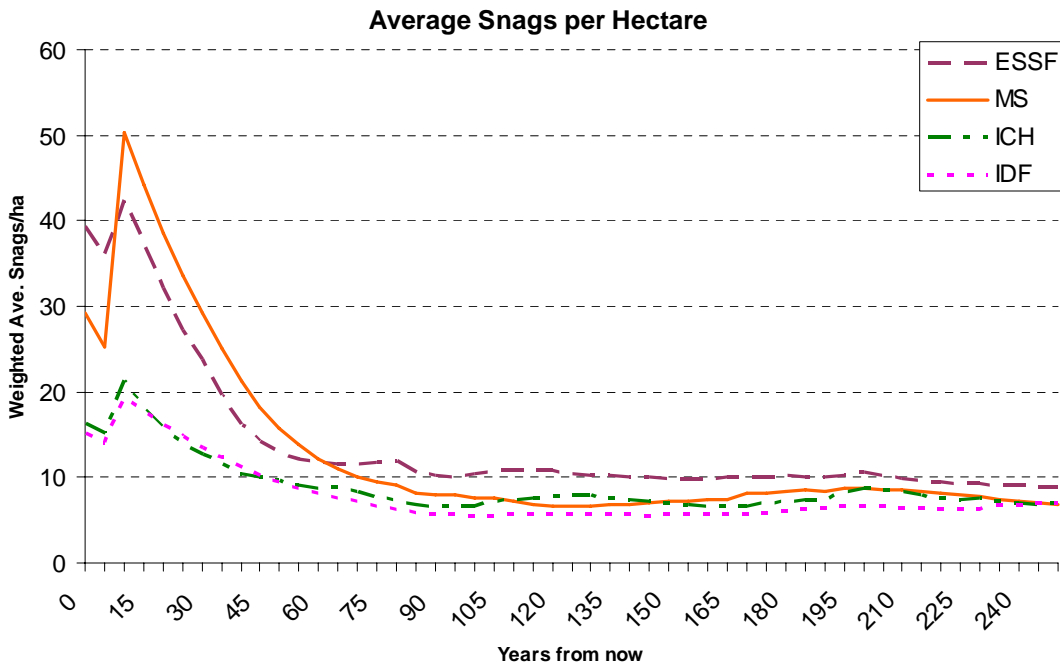


Figure 93. Enhanced Reserves with Limited Harvesting projection of Average Snags per Hectare by BEC Zone

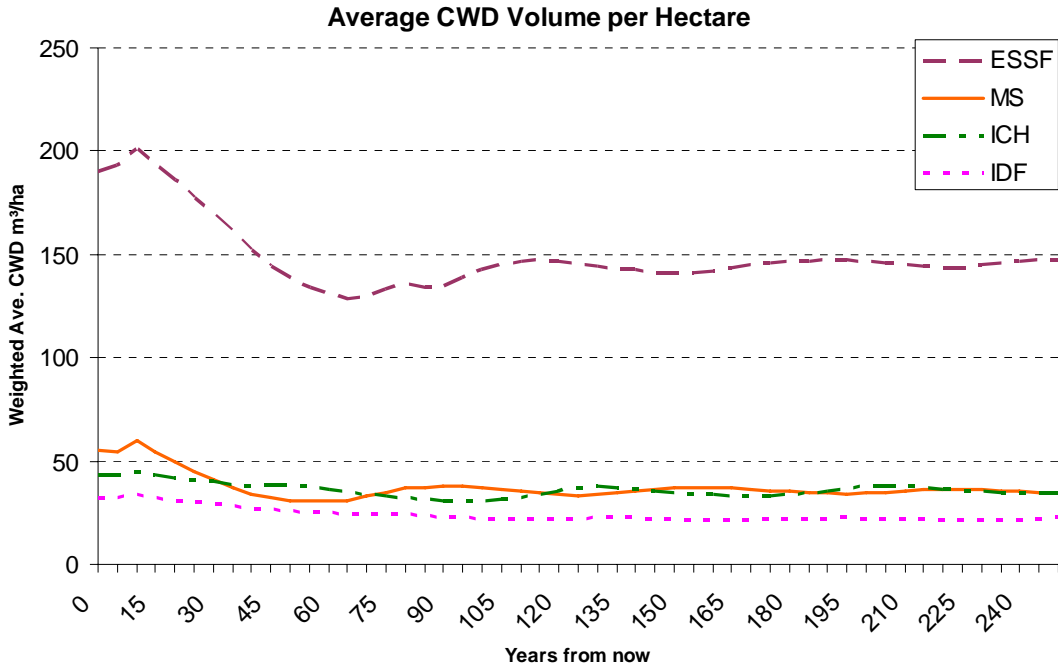


Figure 94. Enhanced Reserves with Limited Harvesting projection of average CWD volume per hectare

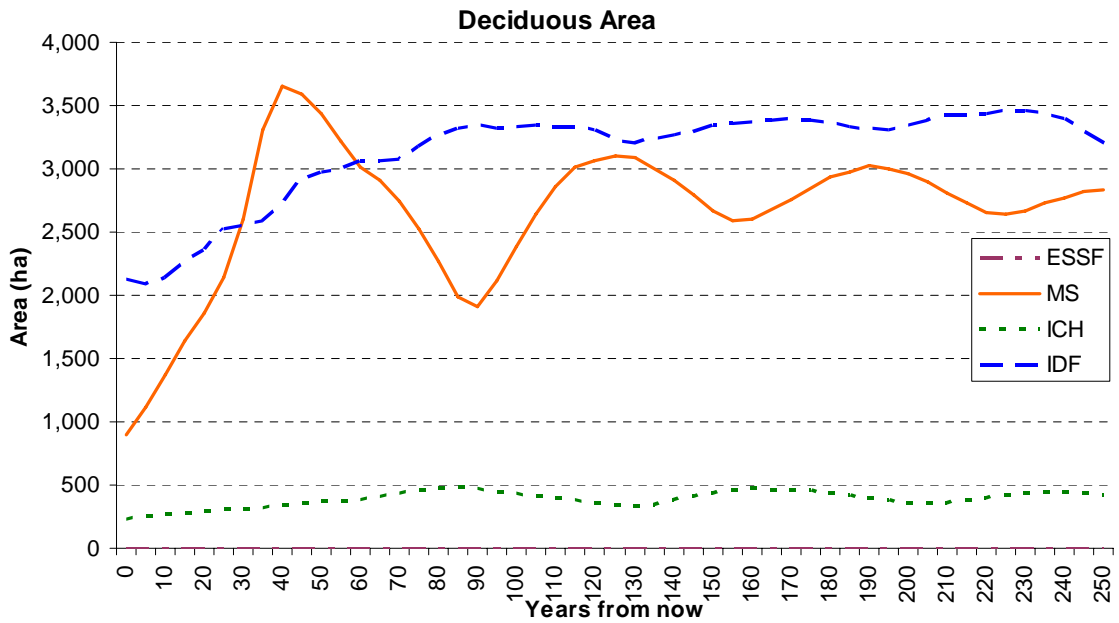


Figure 95. Enhanced Reserves with Limited Harvesting projection of Deciduous area.

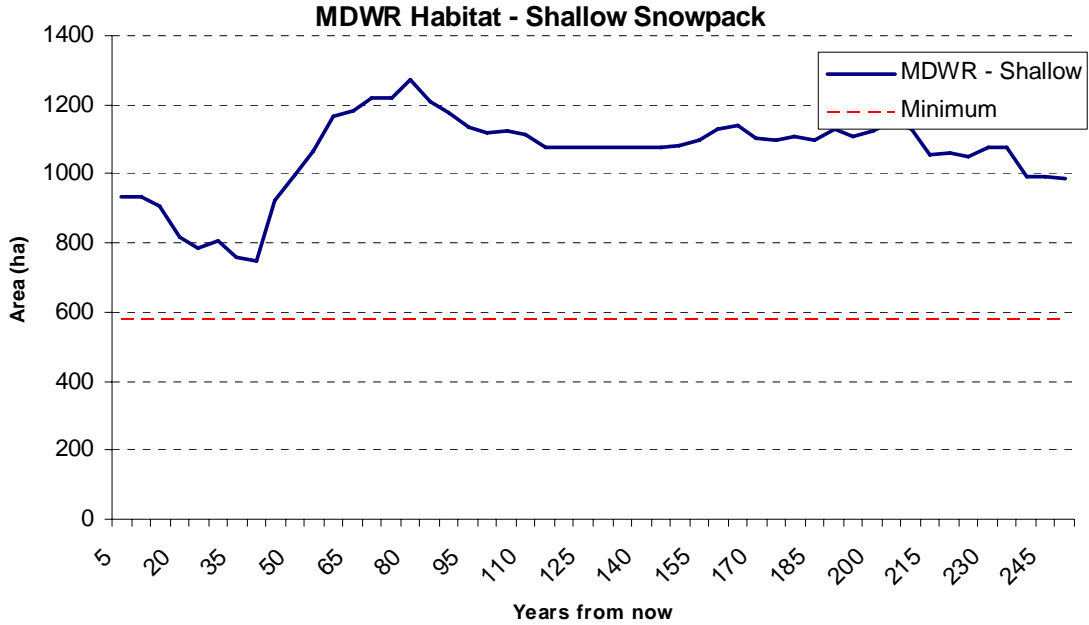


Figure 96. Enhanced Reserves with Limited Harvesting projection of MDWR Habitat in the shallow snowpack zone.

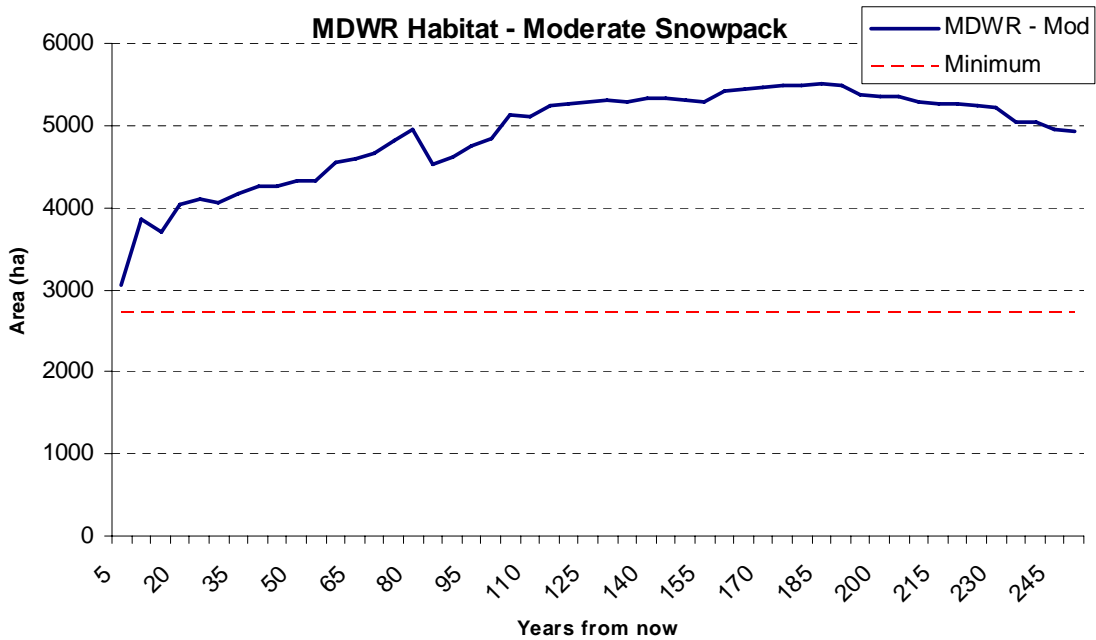


Figure 97. Enhanced Reserves with Limited Harvesting projection of Moderate Snowpack MDWR Habitat.

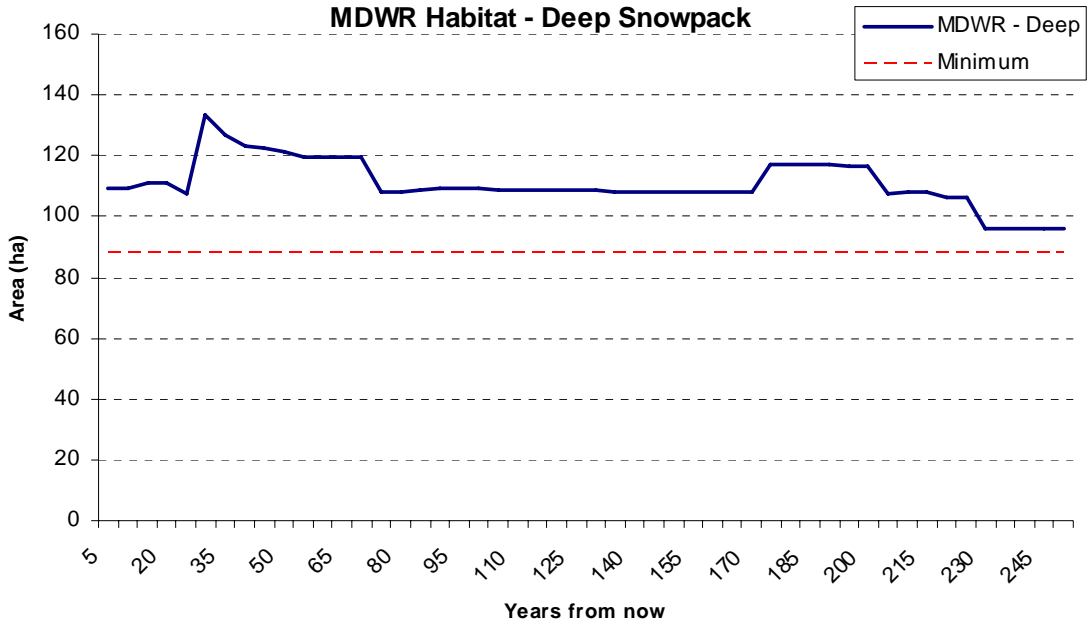


Figure 98. Enhanced Reserves with Limited Harvesting projection of MDWR Habitat in the deep snowpack zone.

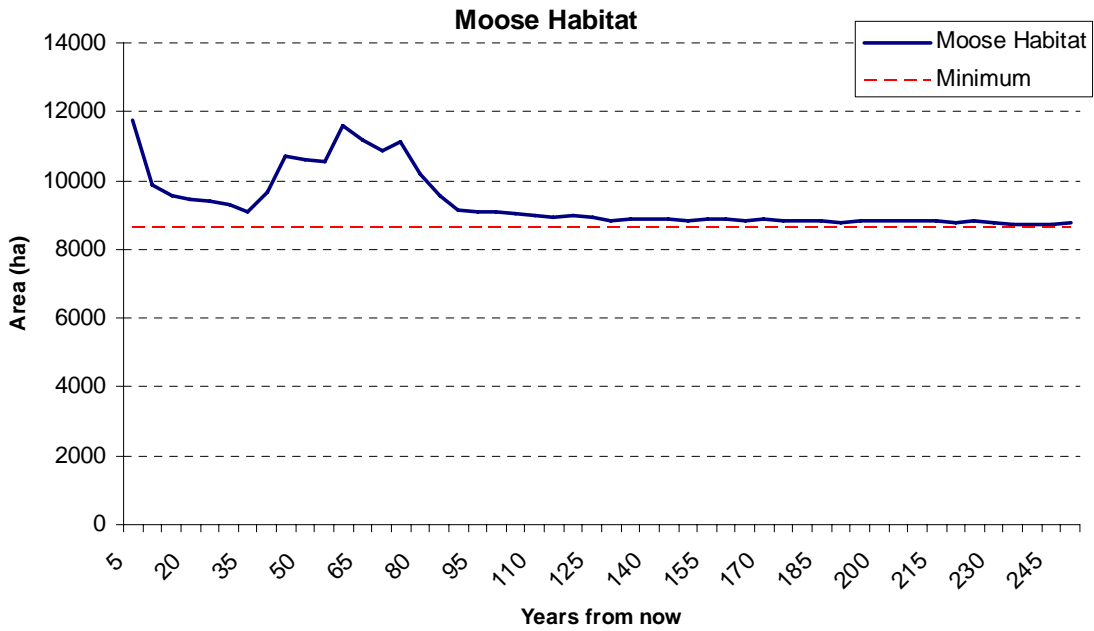


Figure 99. Enhanced Reserves with Limited Harvesting projection of moose habitat.

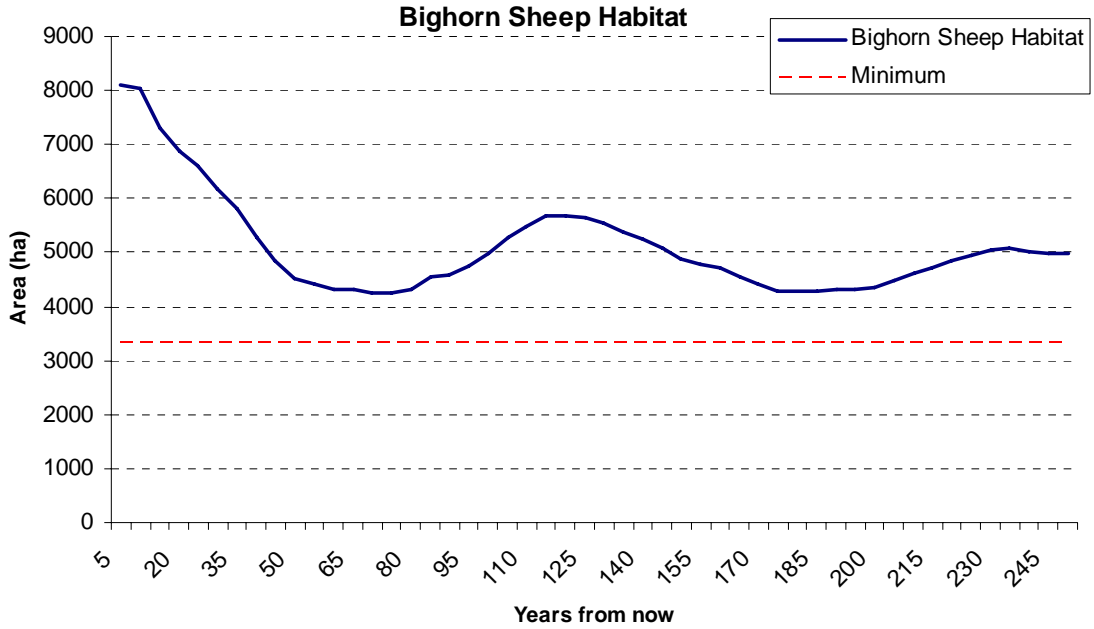


Figure 100. Enhanced Reserves with Limited Harvesting projection of Bighorn Sheep Habitat.

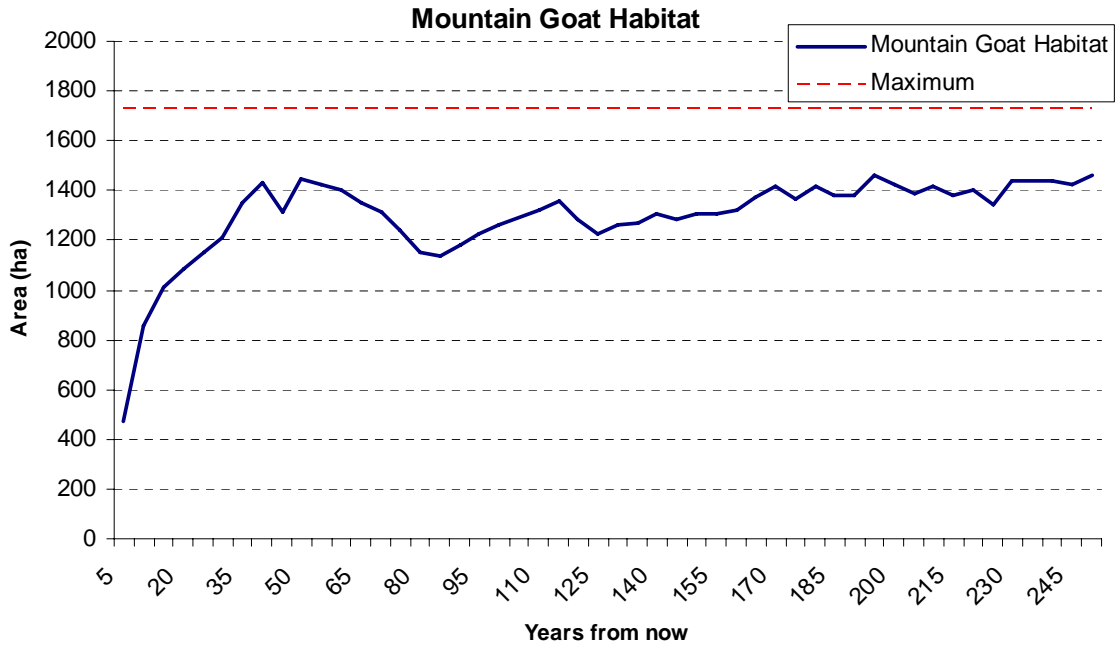


Figure 101. Enhanced Reserves with Limited Harvesting projection of Mountain Goat Habitat (area <33yrs old).

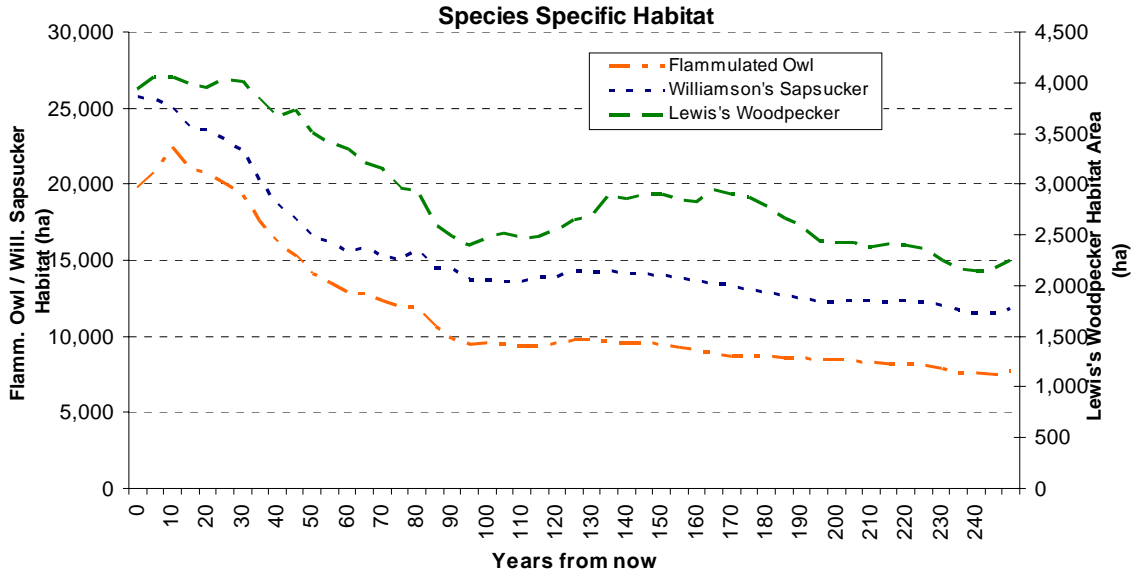


Figure 102. Enhanced Reserves with Limited Harvesting projection of Species Specific Habitat for the Flammulated Owl, Williamson's Sapsucker, and Lewis's Woodpecker.

PI Intermediate Harvest

Timber Supply Indicators

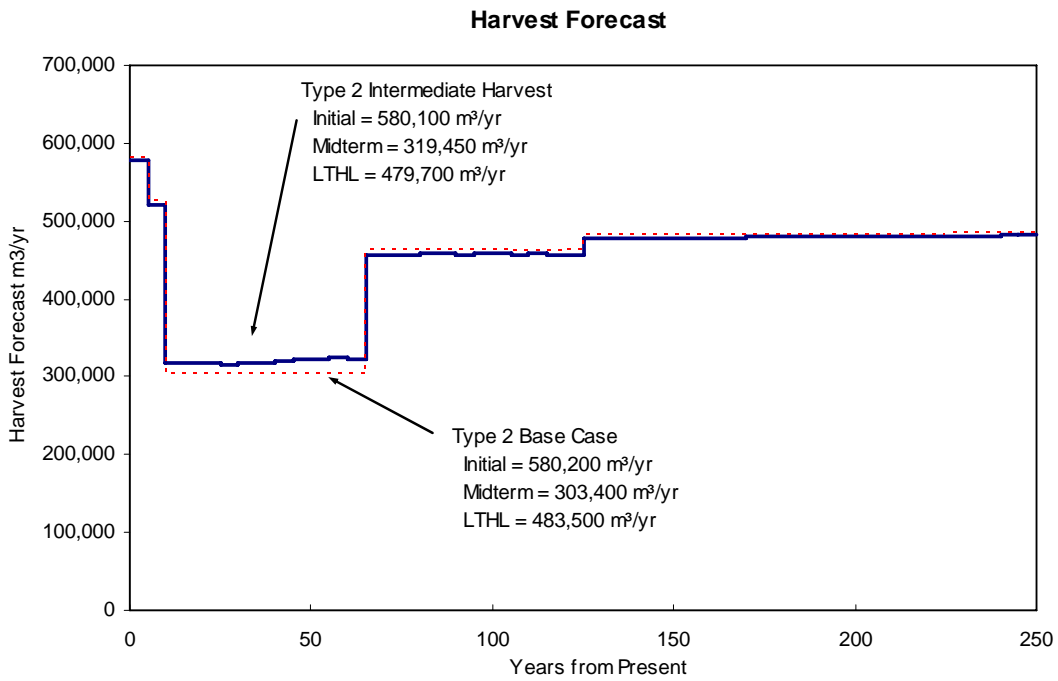


Figure 103 . Intermediate Harvest harvest flow projection compared to Type 2 Revised Base Case.

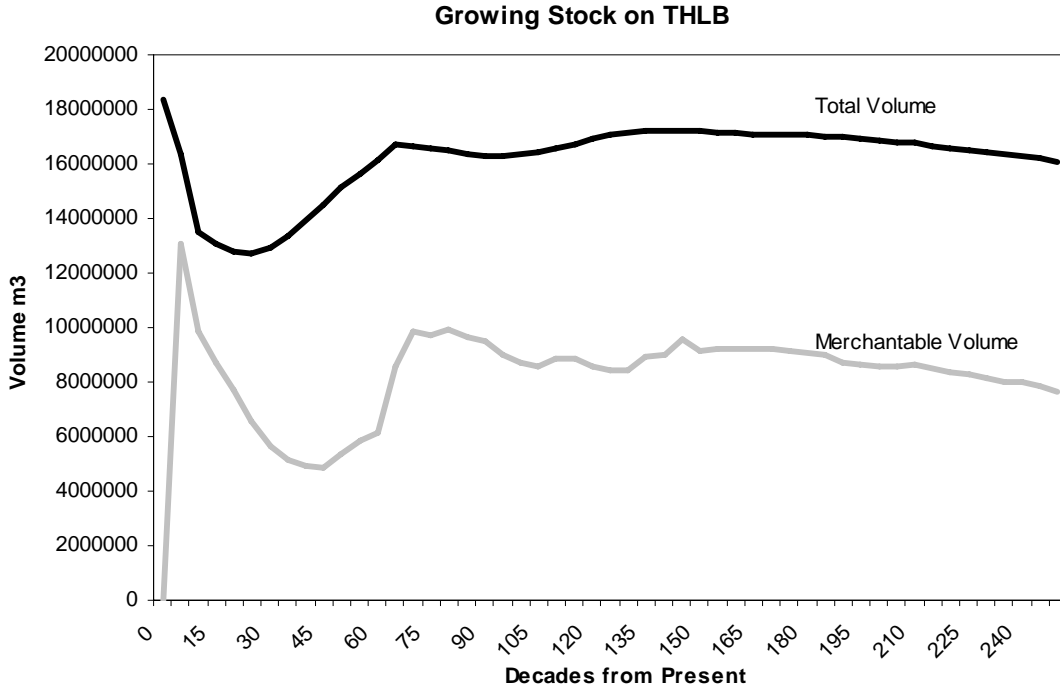


Figure 104. Intermediate Harvest merchantable and total growing stock (THLB).

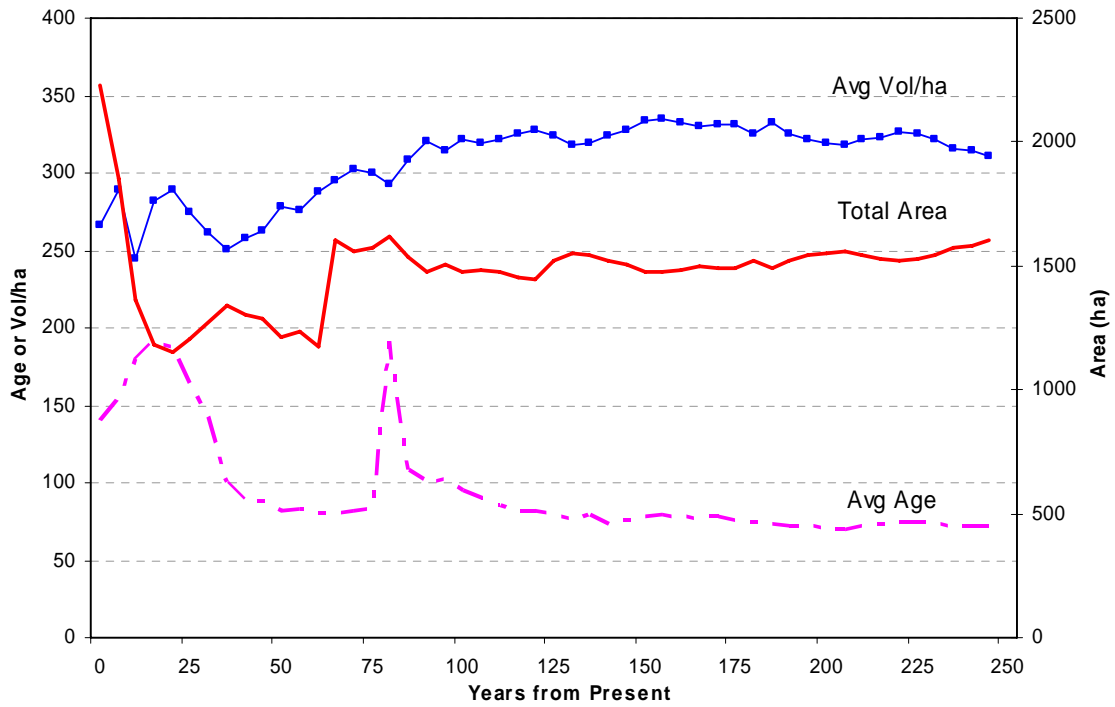


Figure 105. Intermediate Harvest average harvest age / volume / areas.

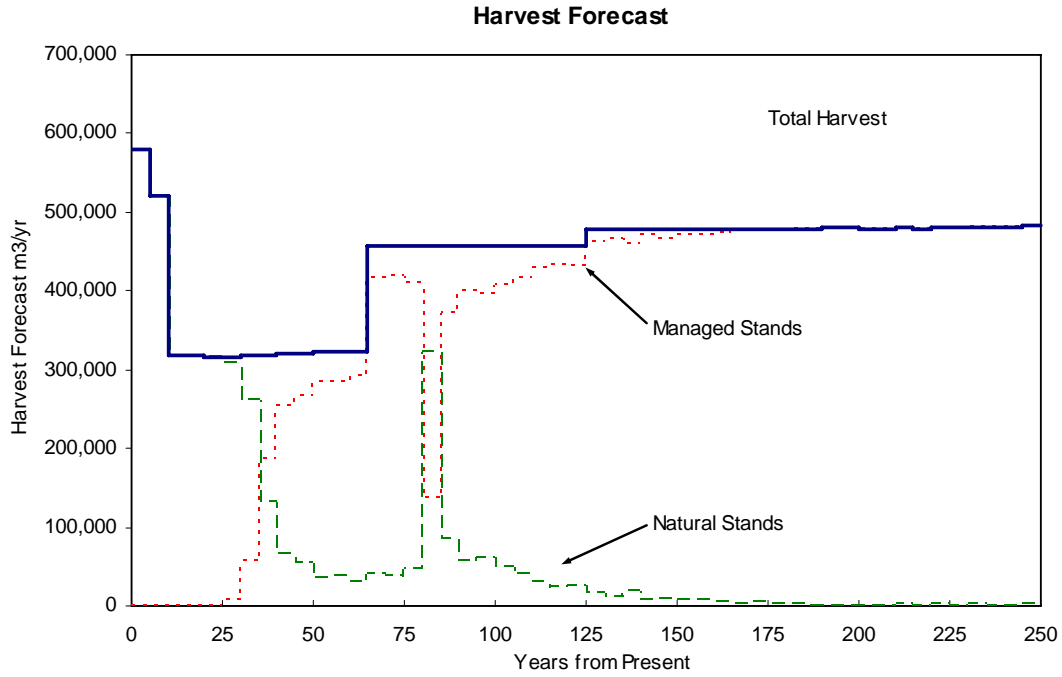


Figure 106. Intermediate Harvest transition of natural stands to managed stands.

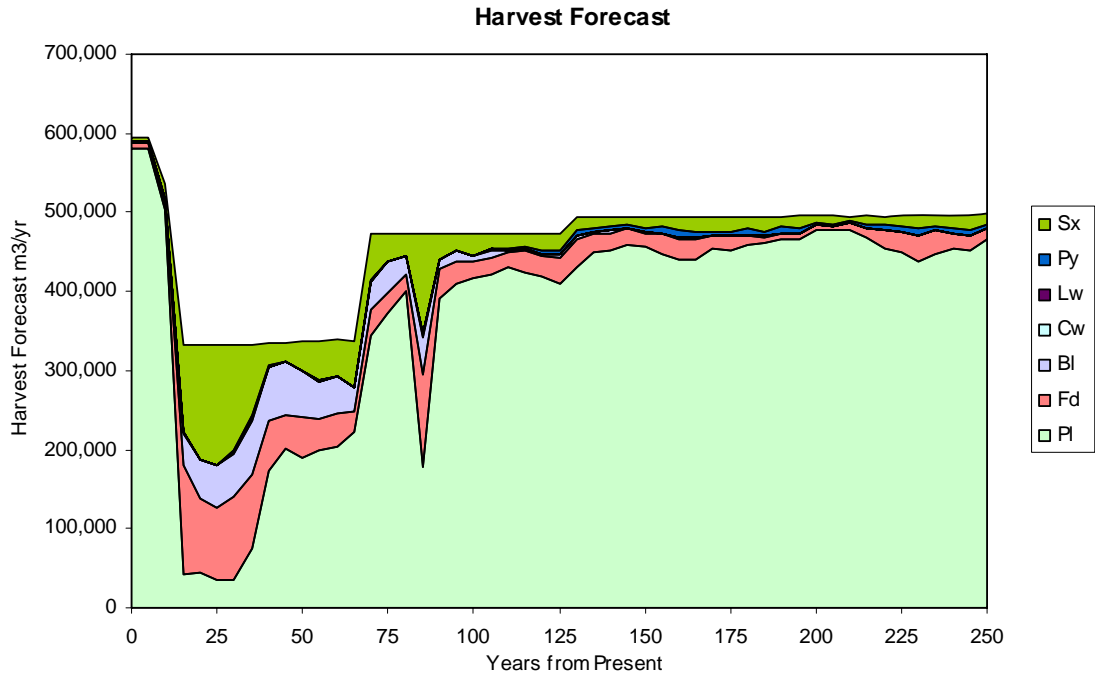


Figure 107. Intermediate Harvest projected tree species contribution to harvest

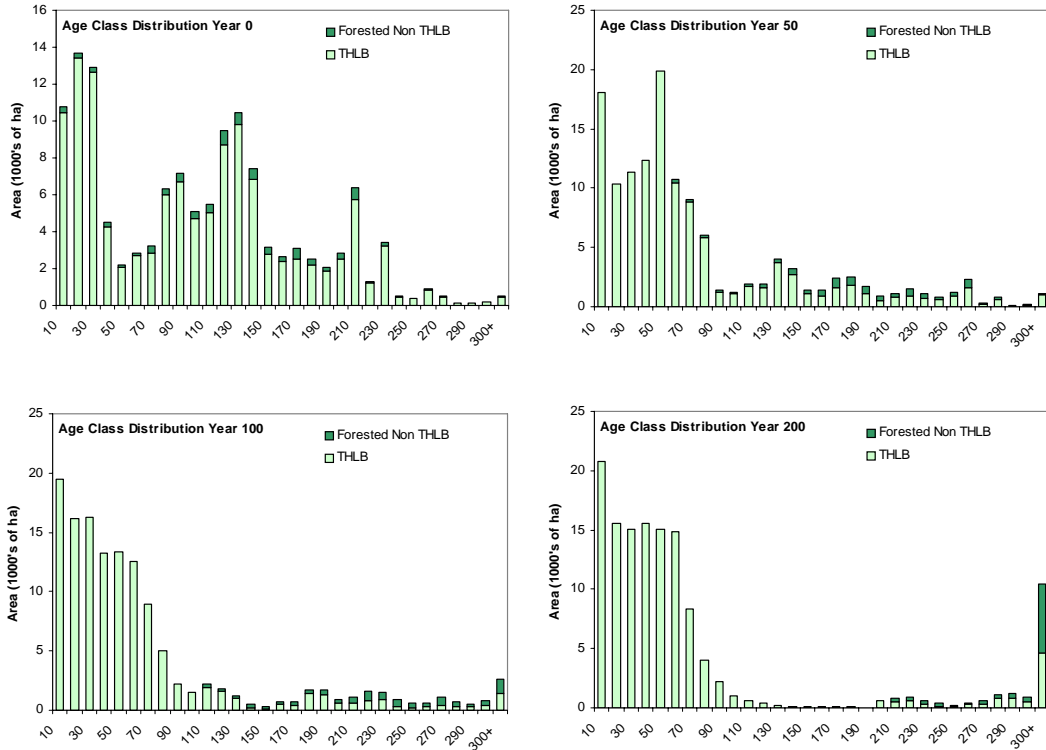


Figure 108. Intermediate Harvest projected Age Class Distribution 0,50,100, and 200 years into the future.

Economic Indicators

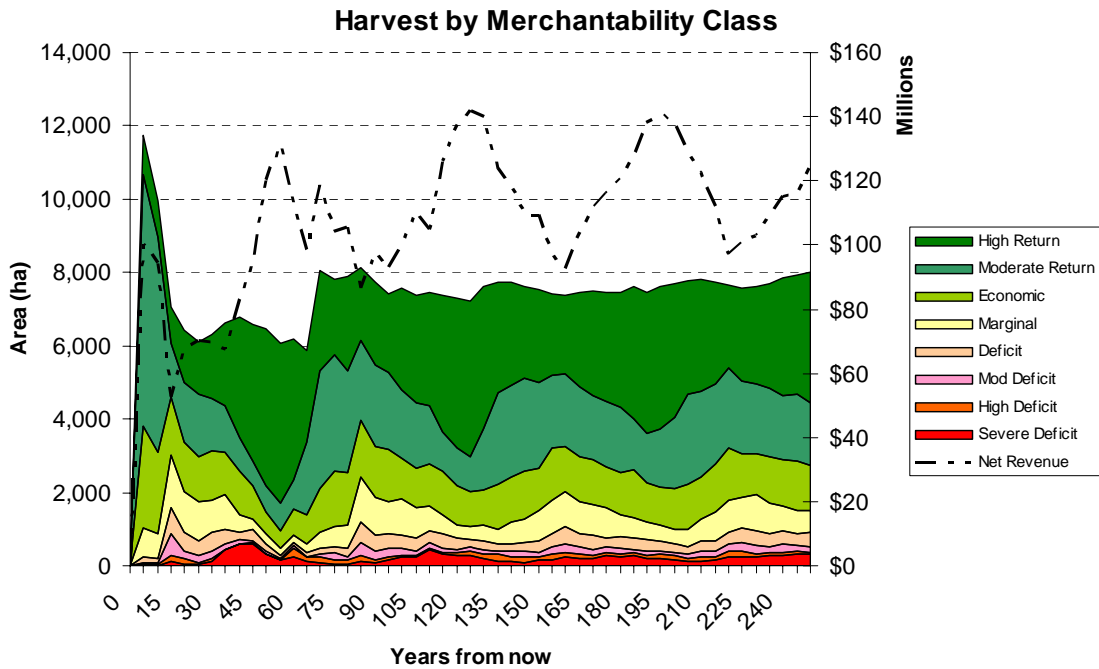


Figure 109. Intermediate Harvest projection of Harvest by Merchantability class.

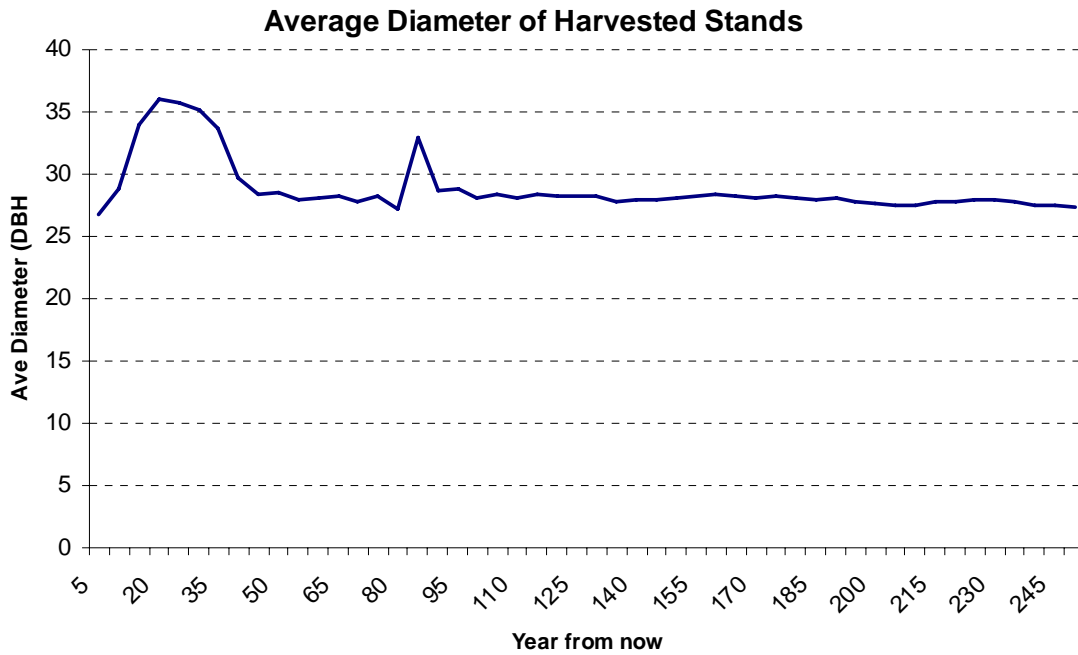


Figure 110. Intermediate Harvest projection of average diameter of harvested stands.

Watershed, Ecosystem, and Habitat Indicators

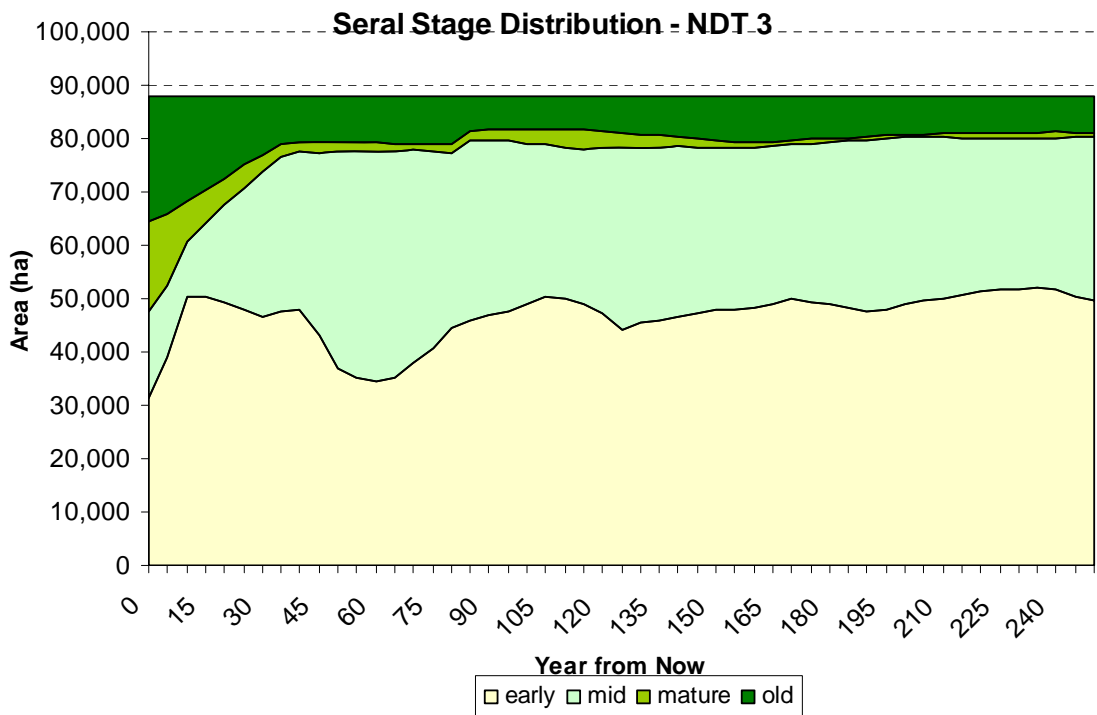


Figure 111. Intermediate Harvest Projection of seral stage distribution for NDT 3.

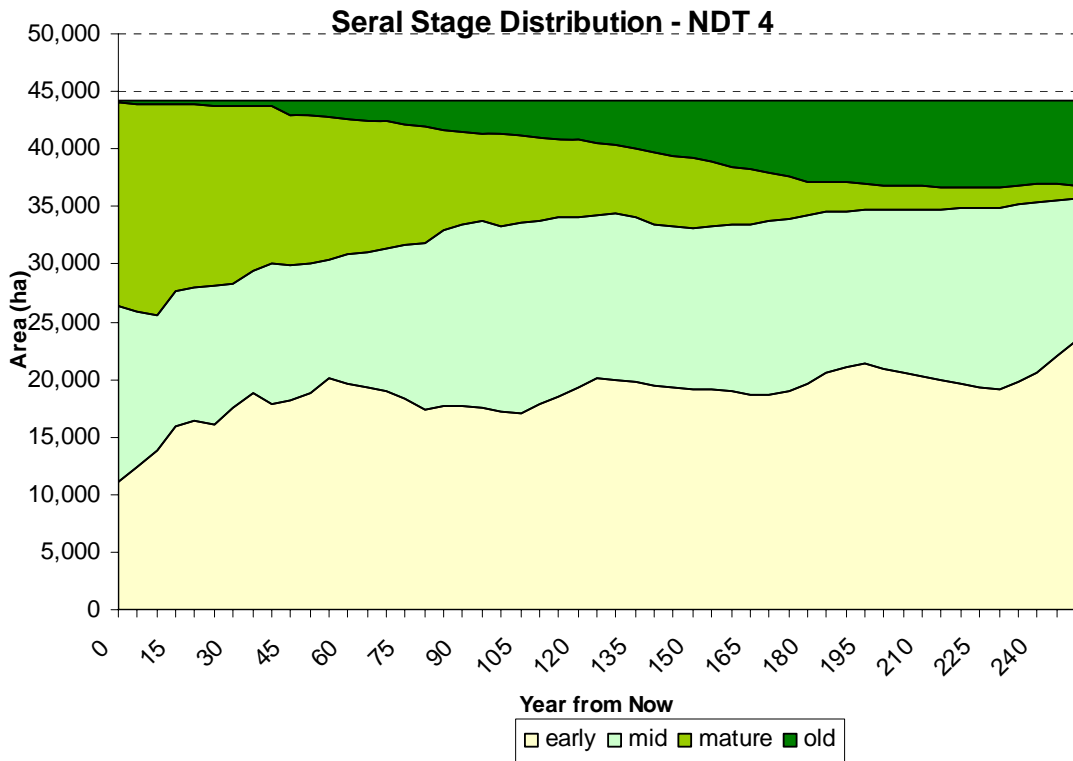


Figure 112. Intermediate Harvest Projection of seral stage distribution for NDT 4.

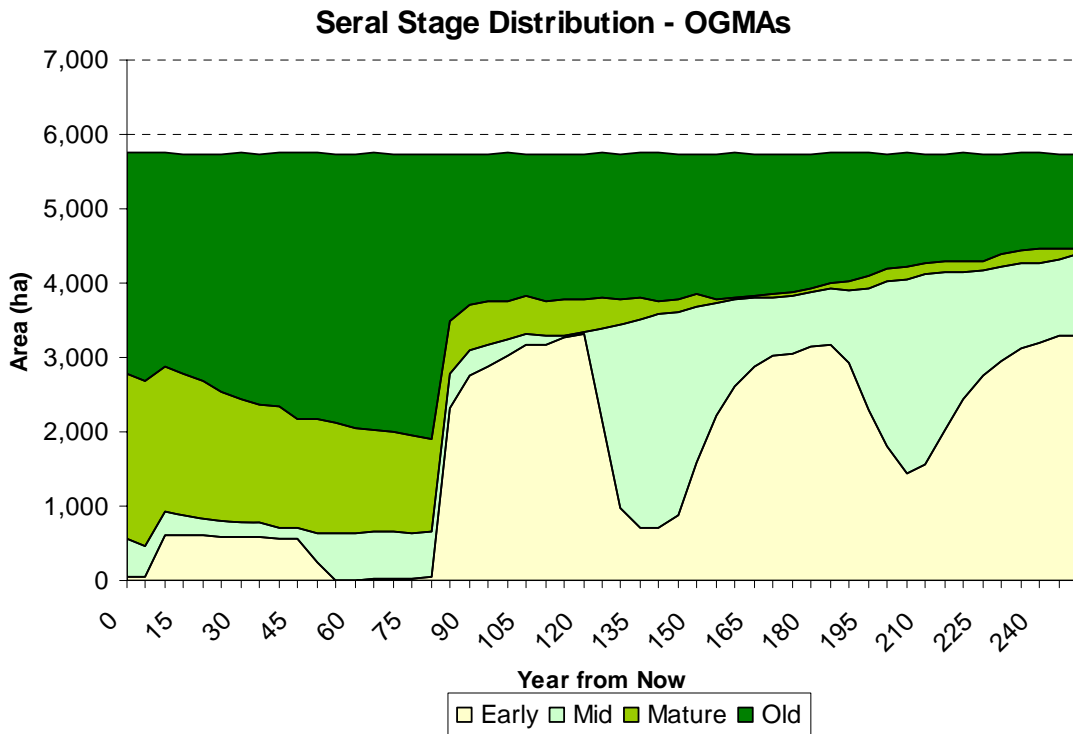


Figure 113. Intermediate Harvest - seral stage distribution for spatially explicit OGMAs.

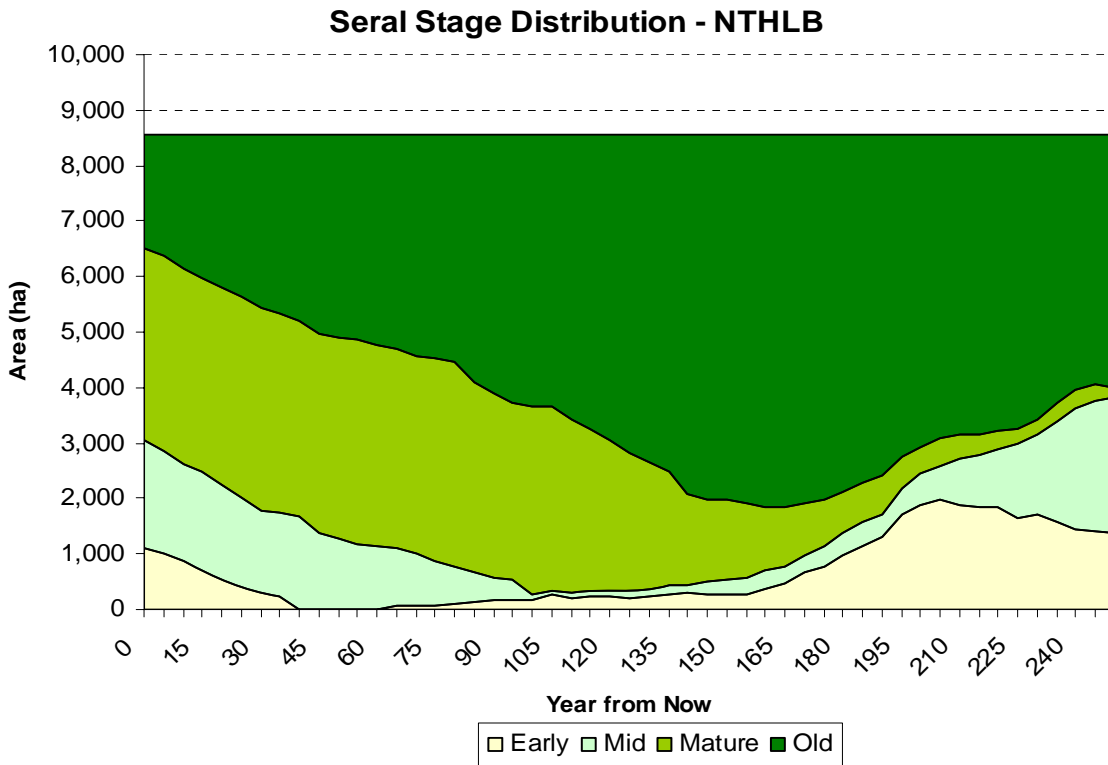


Figure 114. Intermediate Harvest Projection of serai stage distribution for the NTHLB.

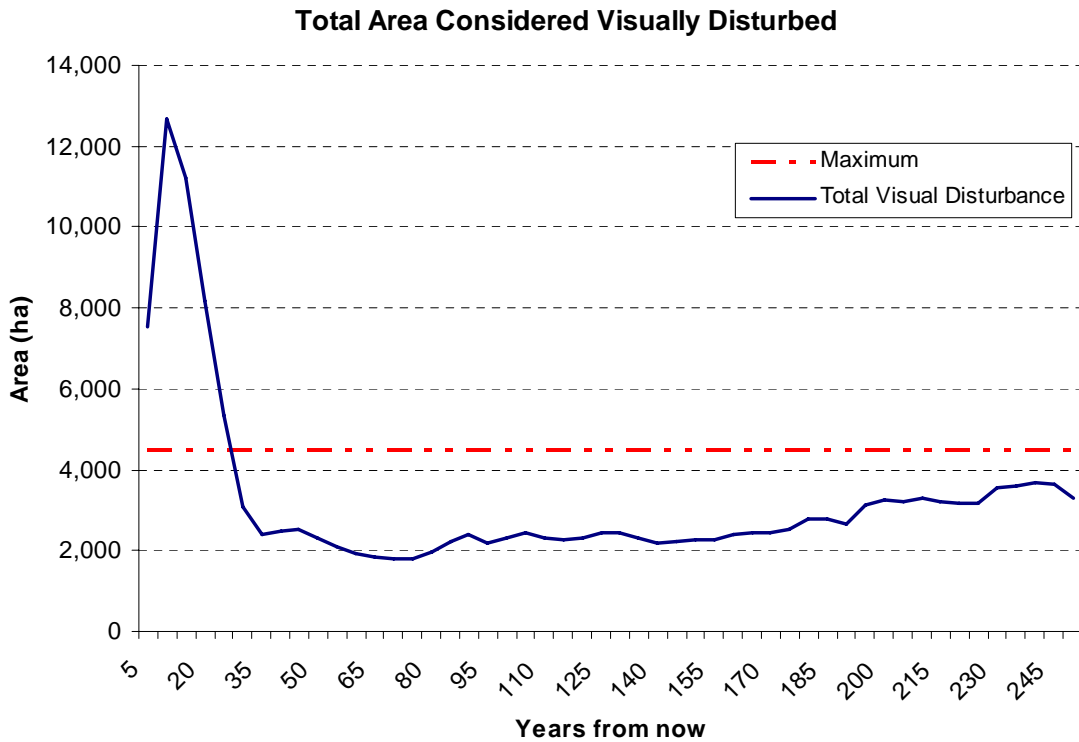


Figure 115. Intermediate Harvest projection of total area considered Visually Disturbed.

PI Partial Cut
Scenario

ECA's for Snow Sensitive Zones (H40): Years 2006, 2011, 2016

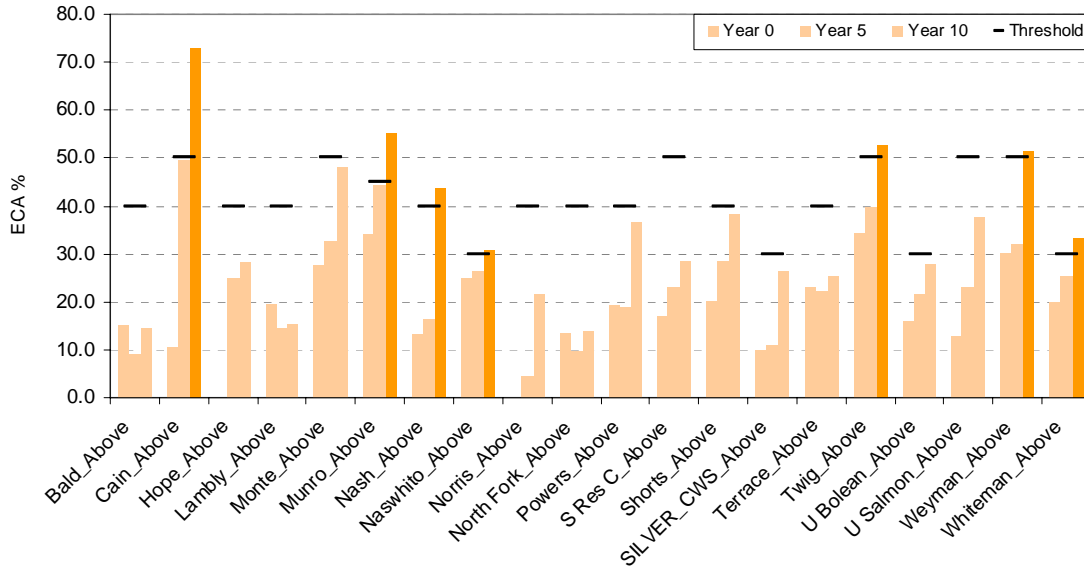


Figure 116. Intermediate Harvest ECA's for watershed above H40 (yrs 2006, 2011, 2016).

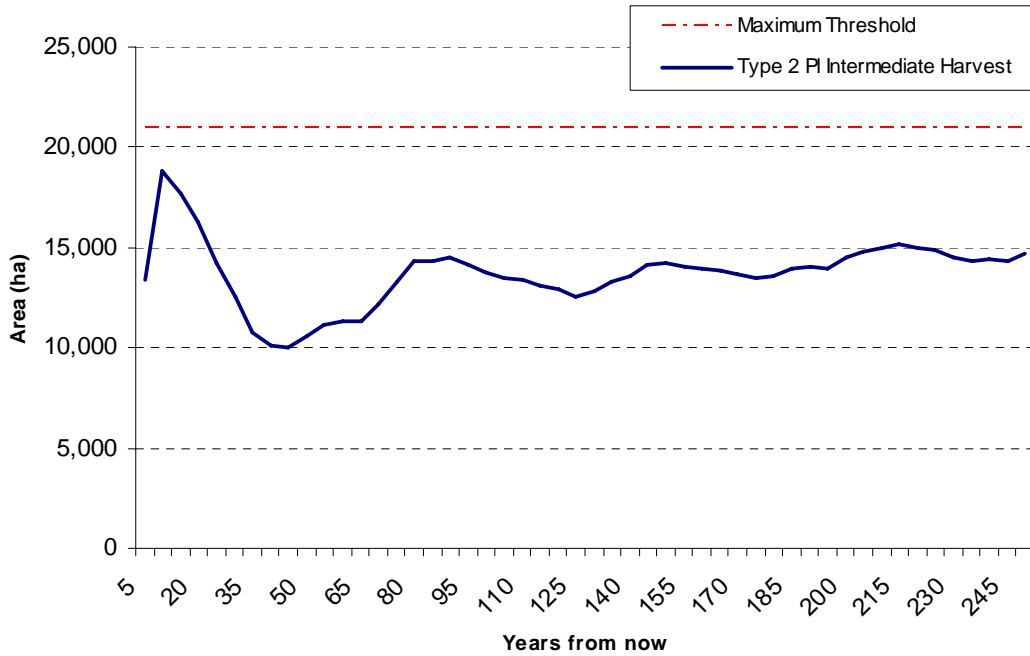


Figure 117. Intermediate Harvest Total ECA from all watersheds above H40.

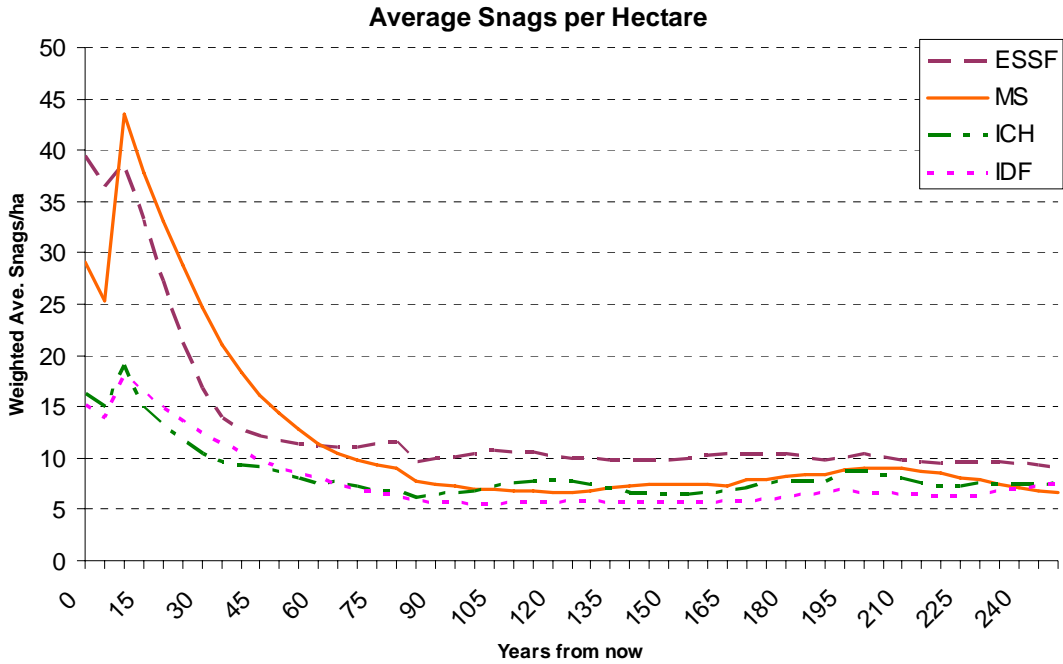


Figure 118. Intermediate Harvest projection of Average Snags per Hectare by BEC Zone

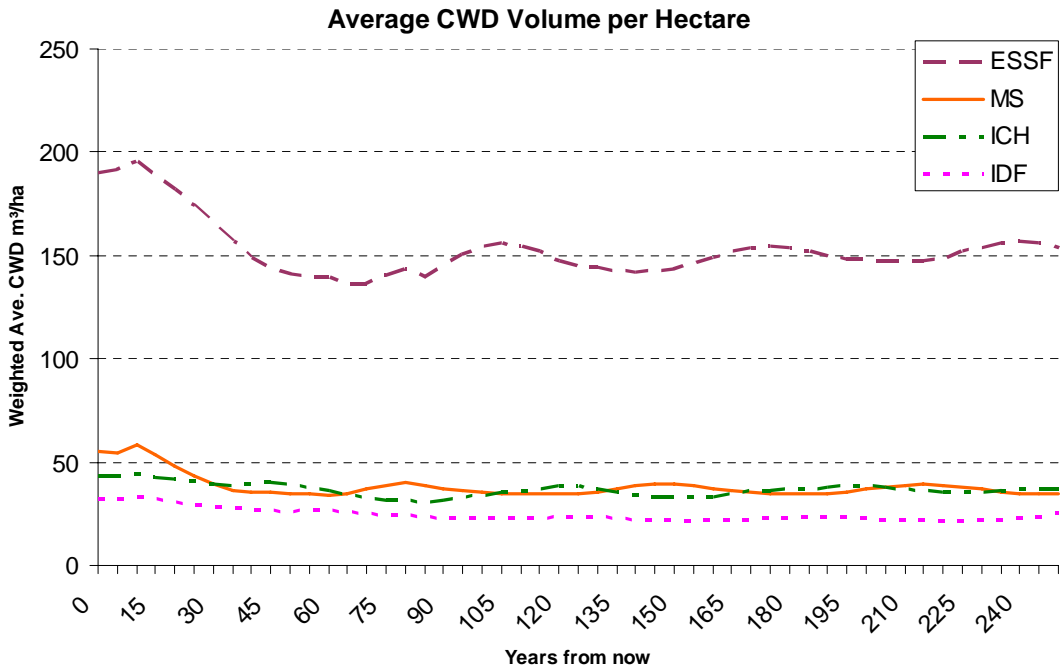


Figure 119. Intermediate Harvest projection of average CWD volume per hectare

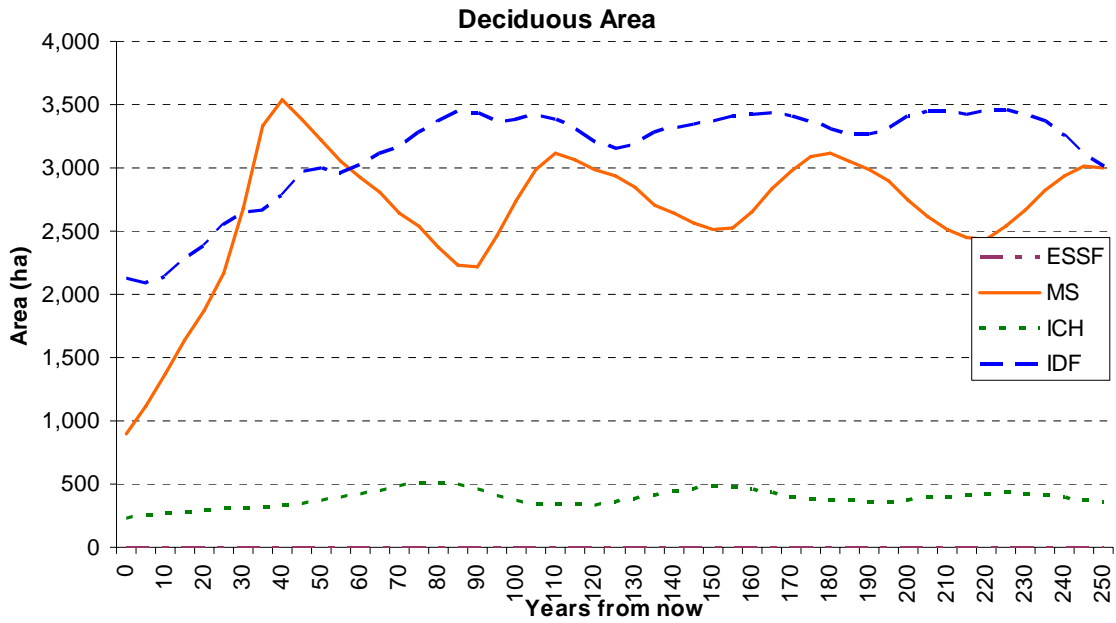


Figure 120. Intermediate Harvest projection of Deciduous area.

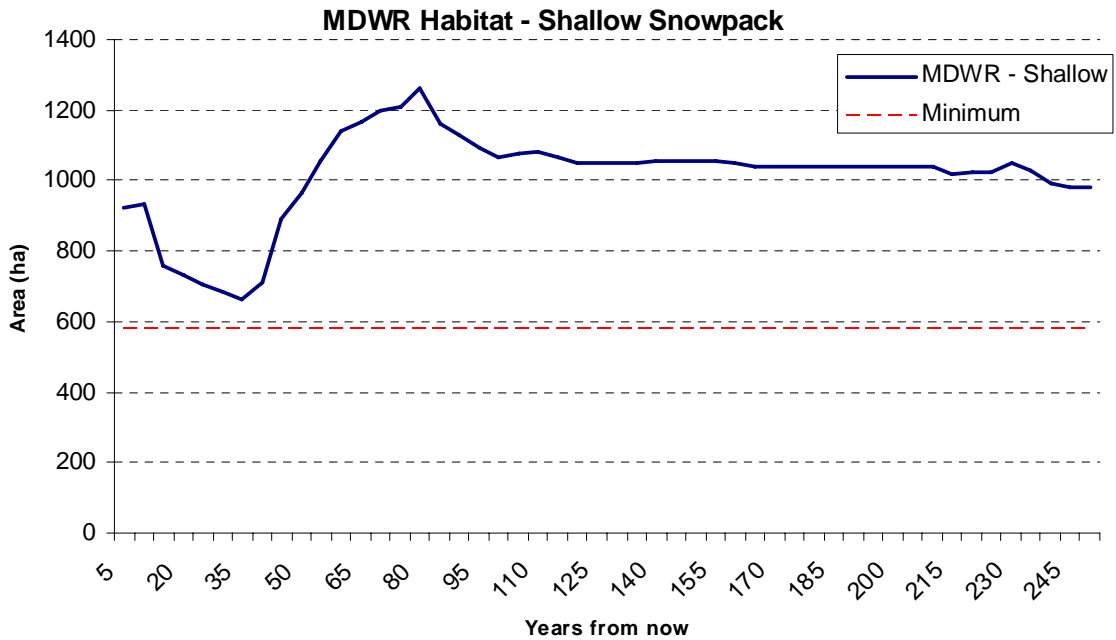


Figure 121. Intermediate Harvest projection of MDWR Habitat in the shallow snowpack zone.

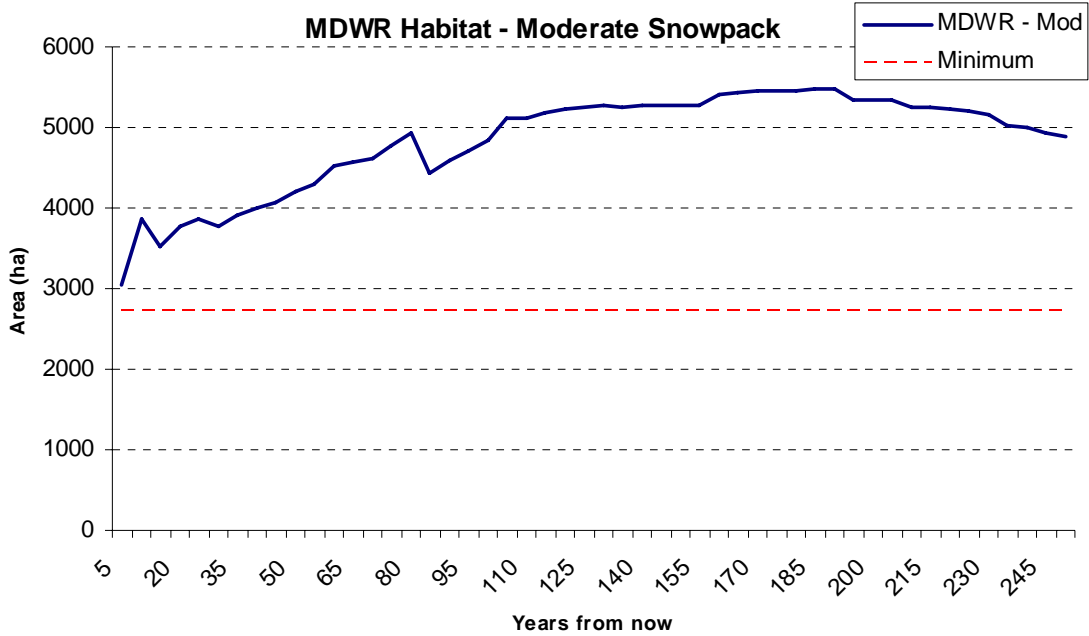


Figure 122. Intermediate Harvest projection of Moderate Snowpack MDWR Habitat.

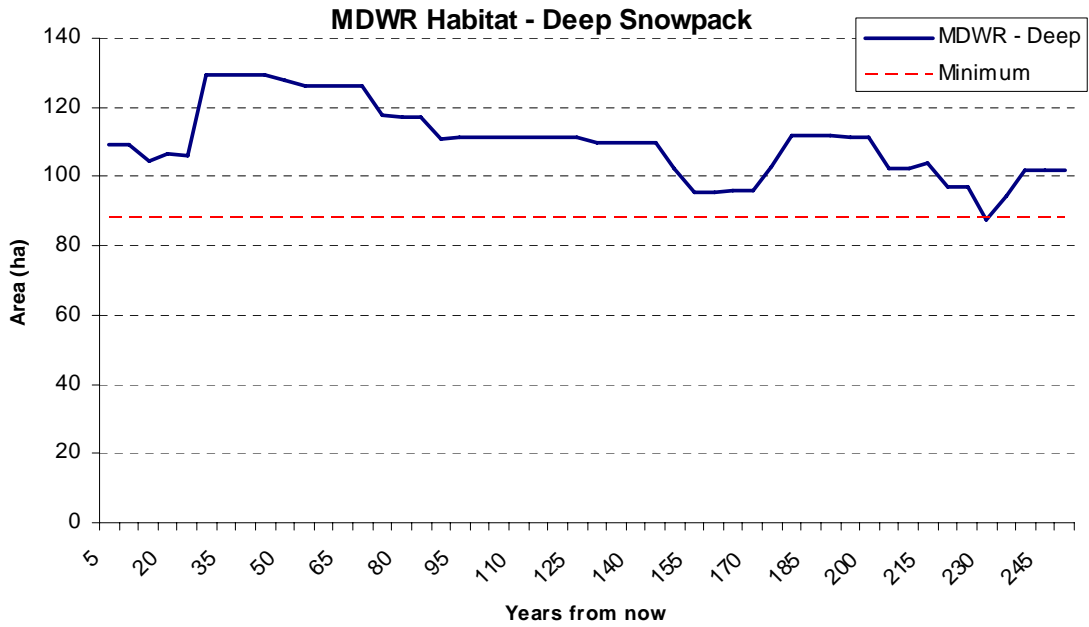


Figure 123. Intermediate Harvest projection of MDWR Habitat in the deep snowpack zone.

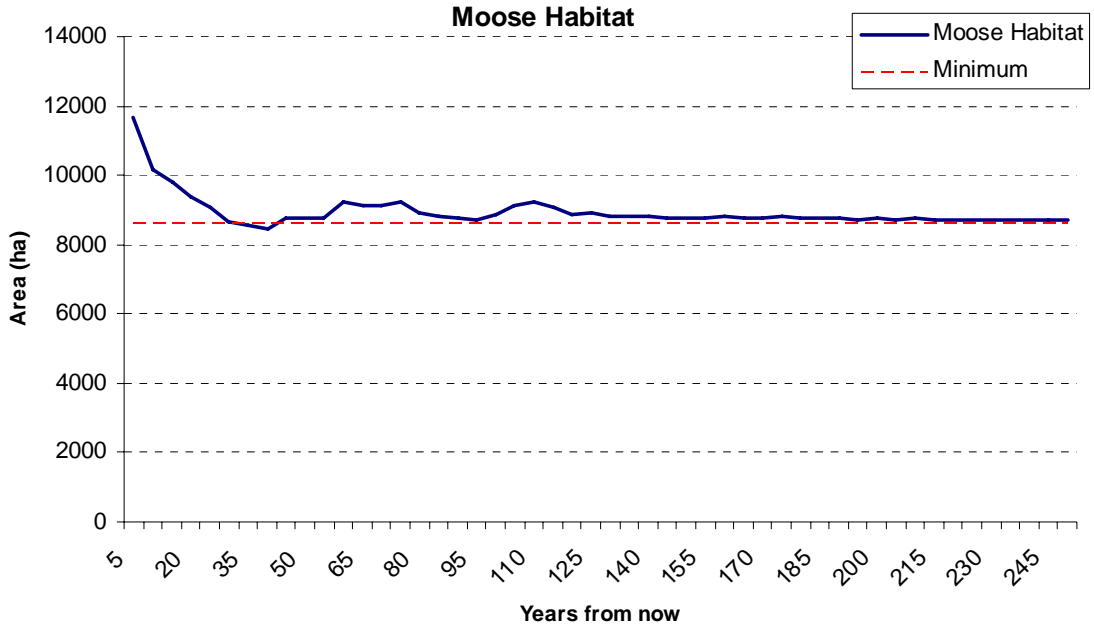


Figure 124. Intermediate Harvest projection of moose habitat.

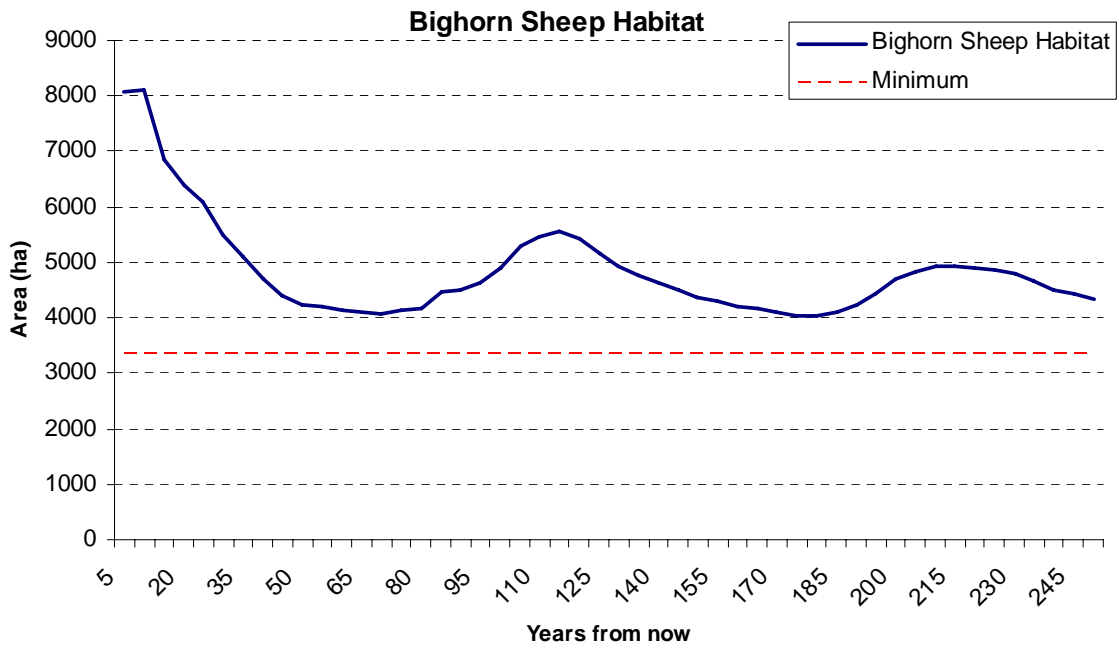


Figure 125. Intermediate Harvest projection of Bighorn Sheep Habitat.

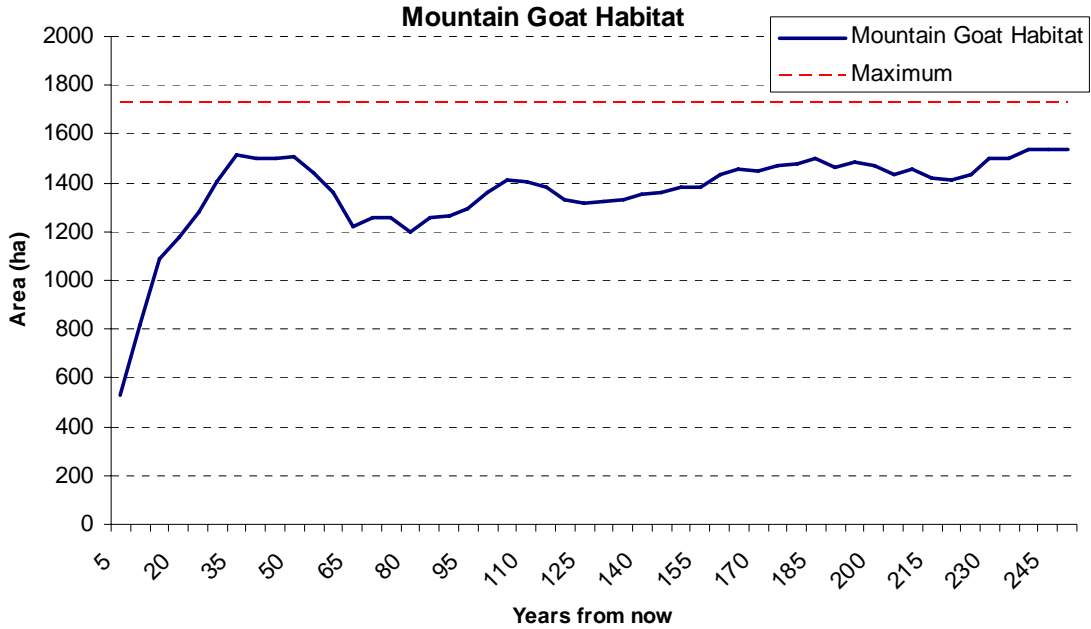


Figure 126. Intermediate Harvest projection of Mountain Goat Habitat (area <33yrs old).

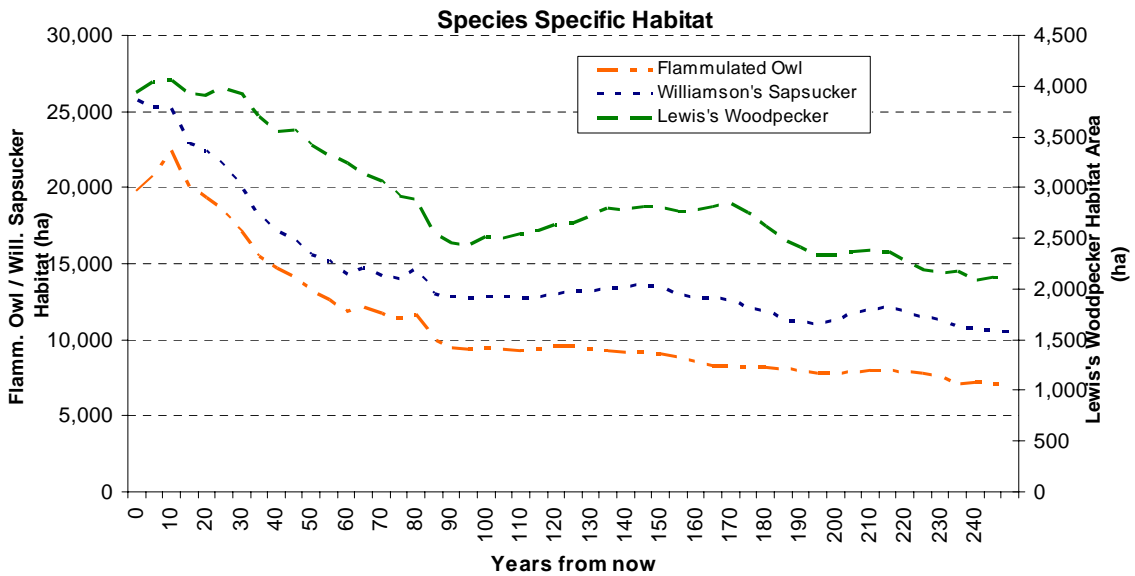


Figure 127. Intermediate Harvest projection of Species Specific Habitat for the Flammulated Owl, Williamson's Sapsucker, and Lewis's Woodpecker.

Late Fertilization

Timber Supply Indicators

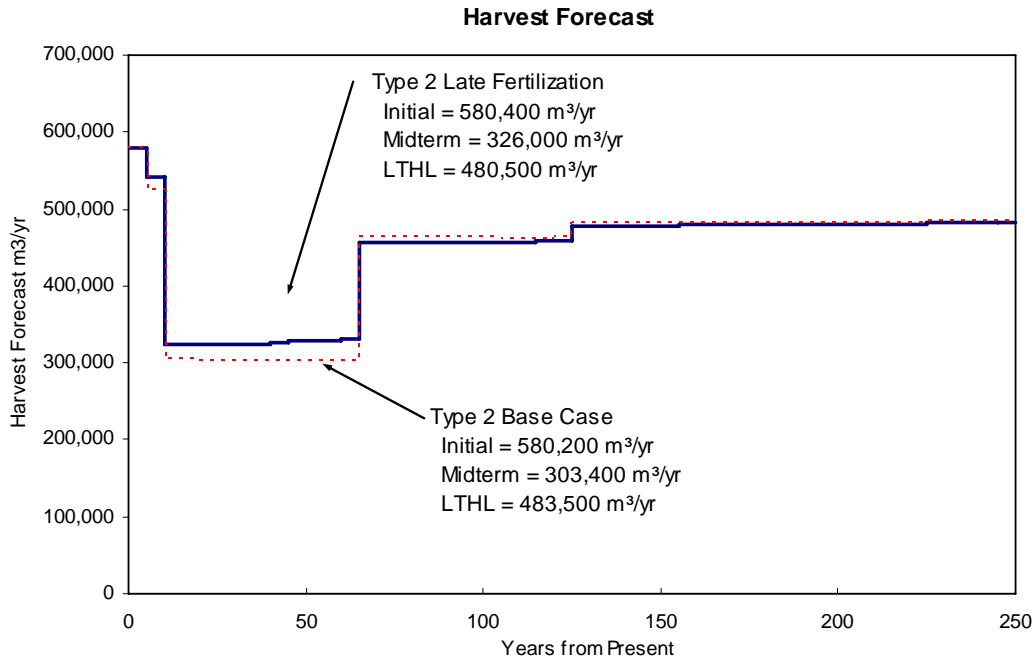


Figure 128 . Late Fertilization harvest flow projection compared to Type 2 Revised Base Case.

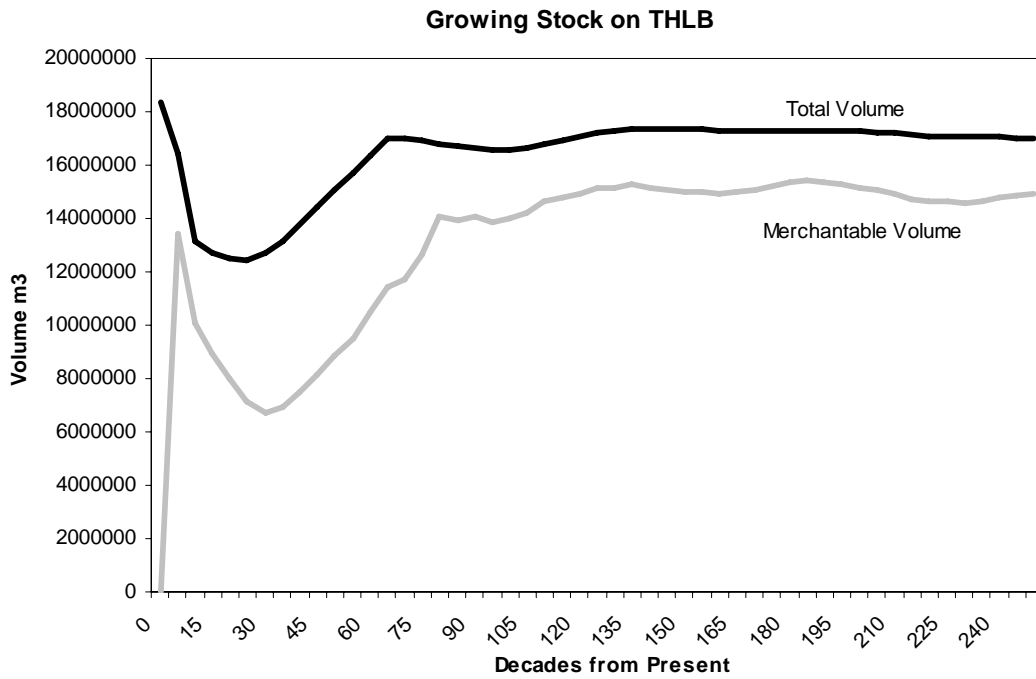


Figure 129. Late Fertilization merchantable and total growing stock (THLB).

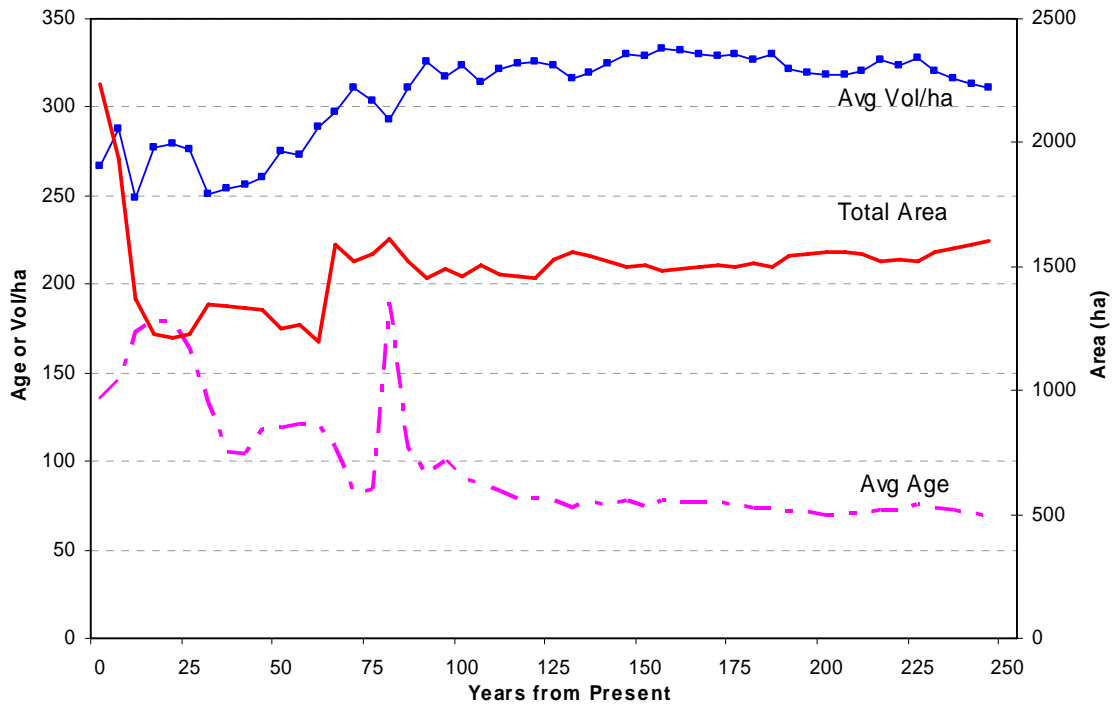


Figure 130. Late Fertilization average harvest age / volume / areas.

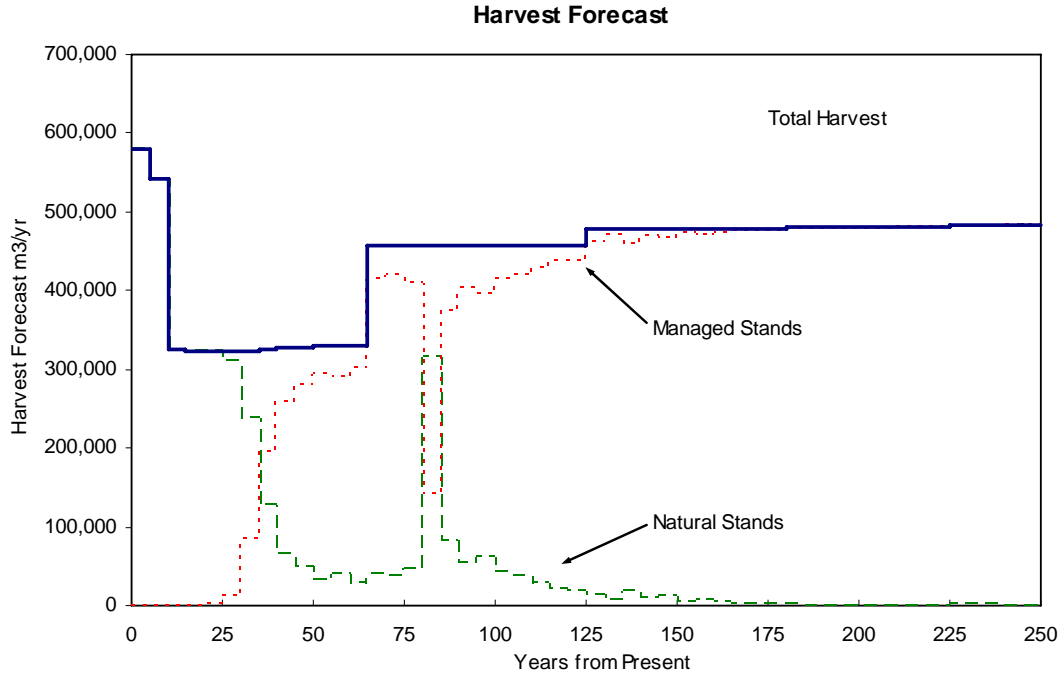


Figure 131. Late Fertilization transition of natural stands to managed stands.

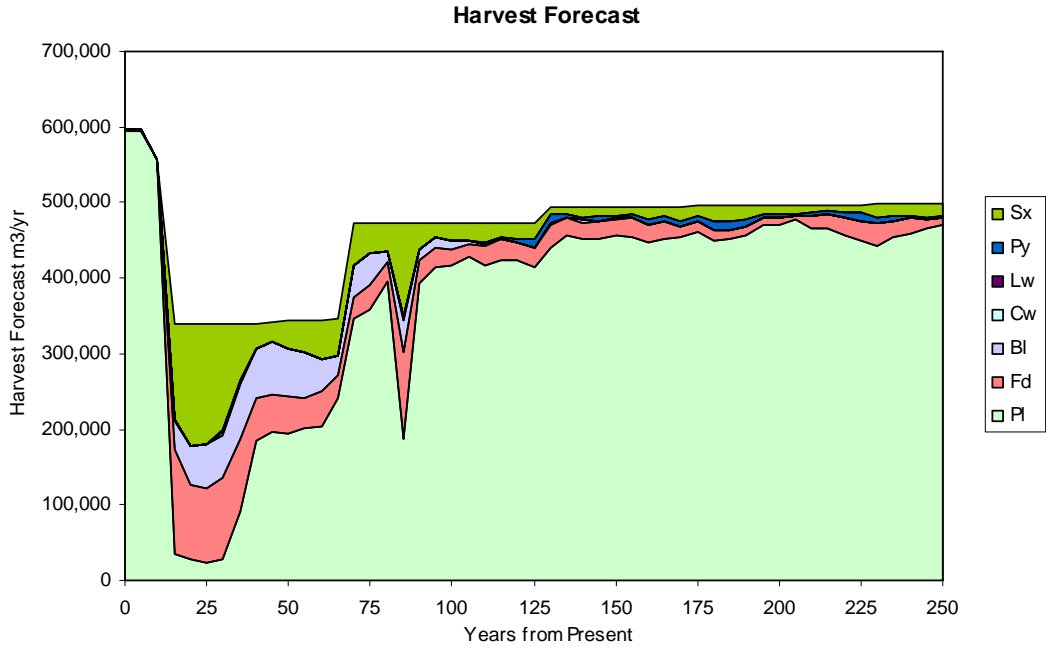


Figure 132. Late Fertilization projected tree species contribution to harvest

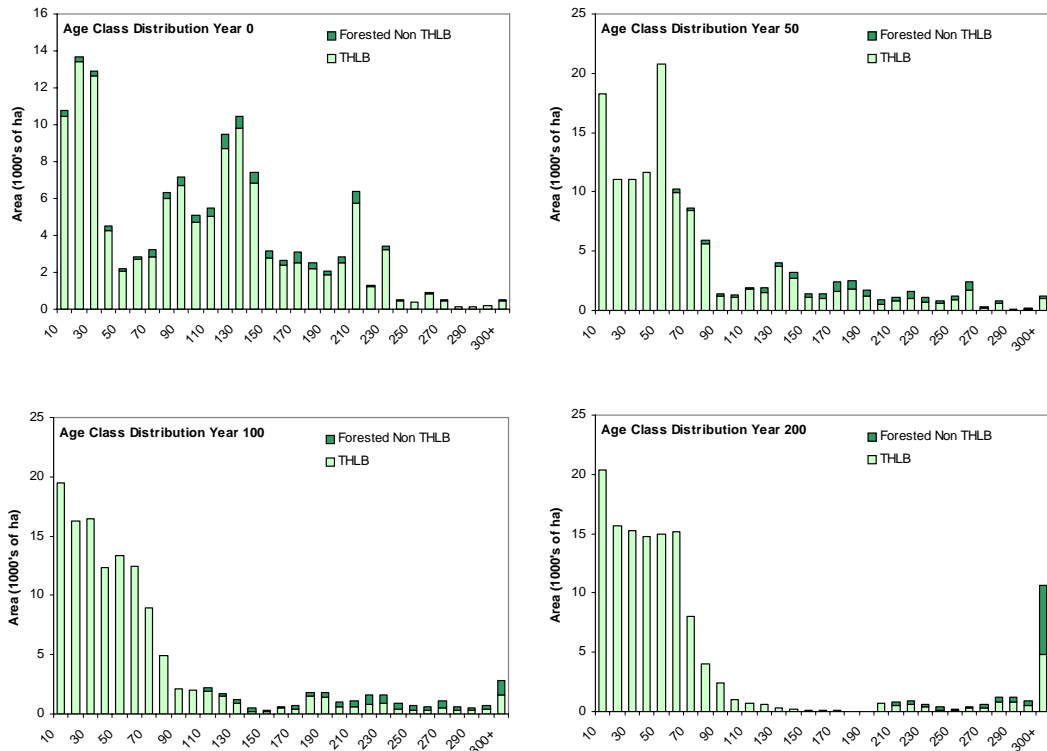


Figure 133. Late Fertilization projected Age Class Distribution 0,50,100, and 200 years into the future.

Economic Indicators

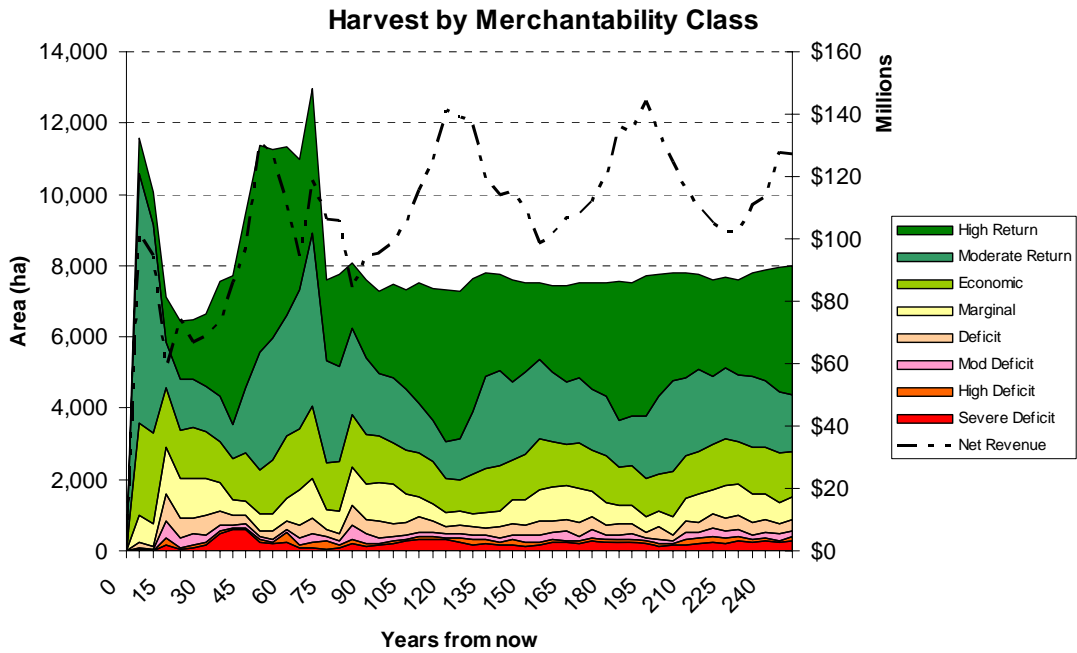


Figure 134. Late Fertilization projection of Harvest by Merchantability class.

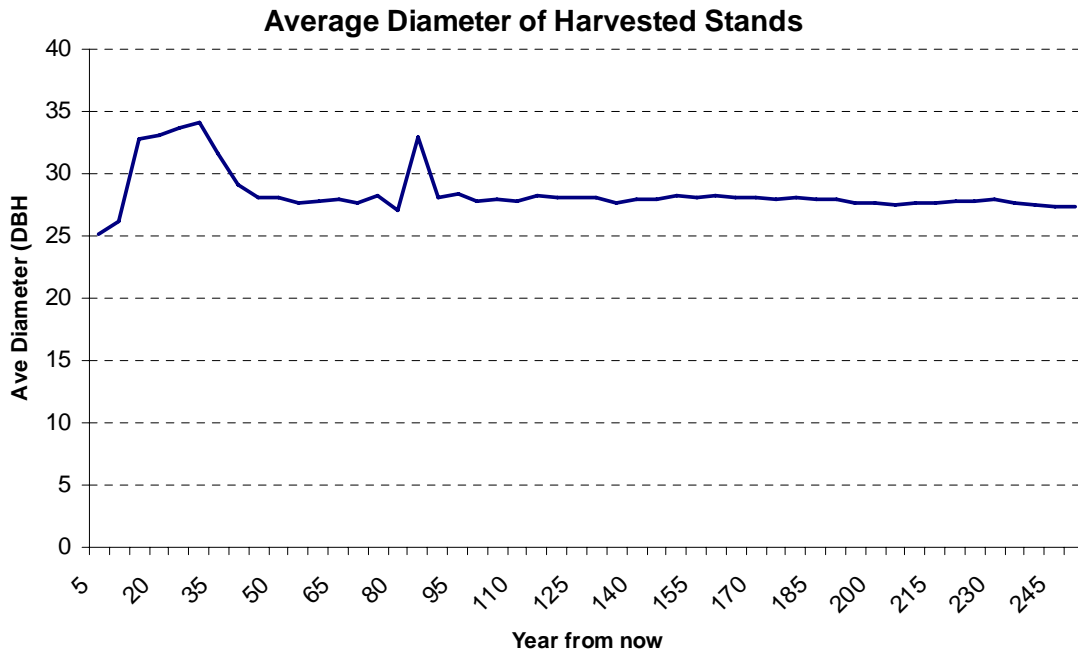


Figure 135. Late Fertilization projection of average diameter of harvested stands.

Watershed, Ecosystem, and Habitat Indicators

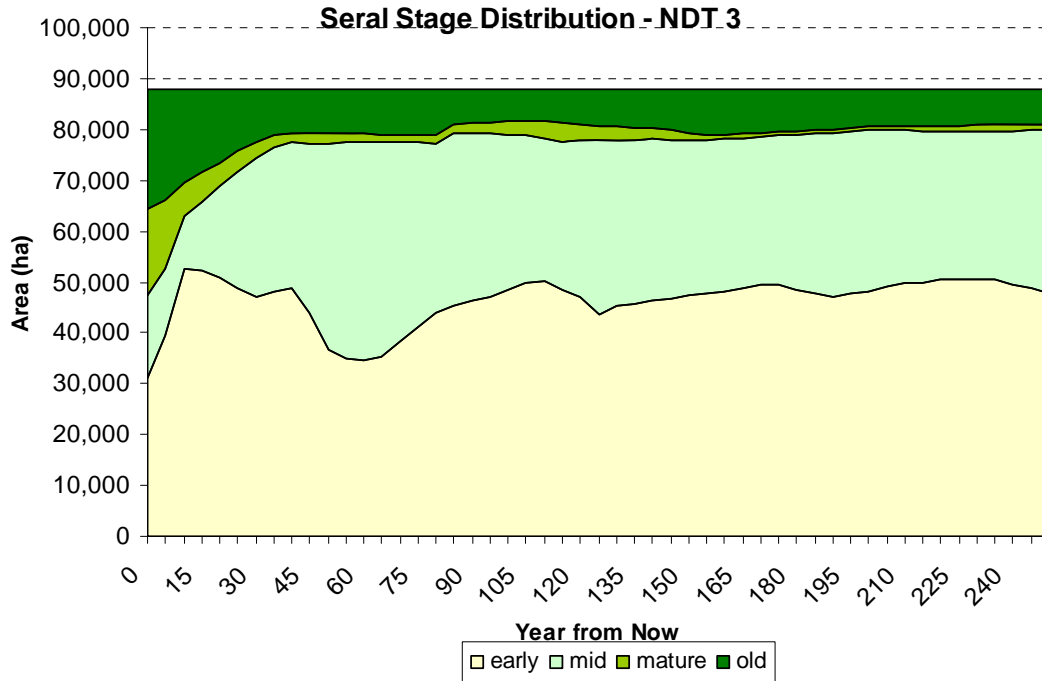


Figure 136. Late Fertilization Projection of seral stage distribution for NDT 3.

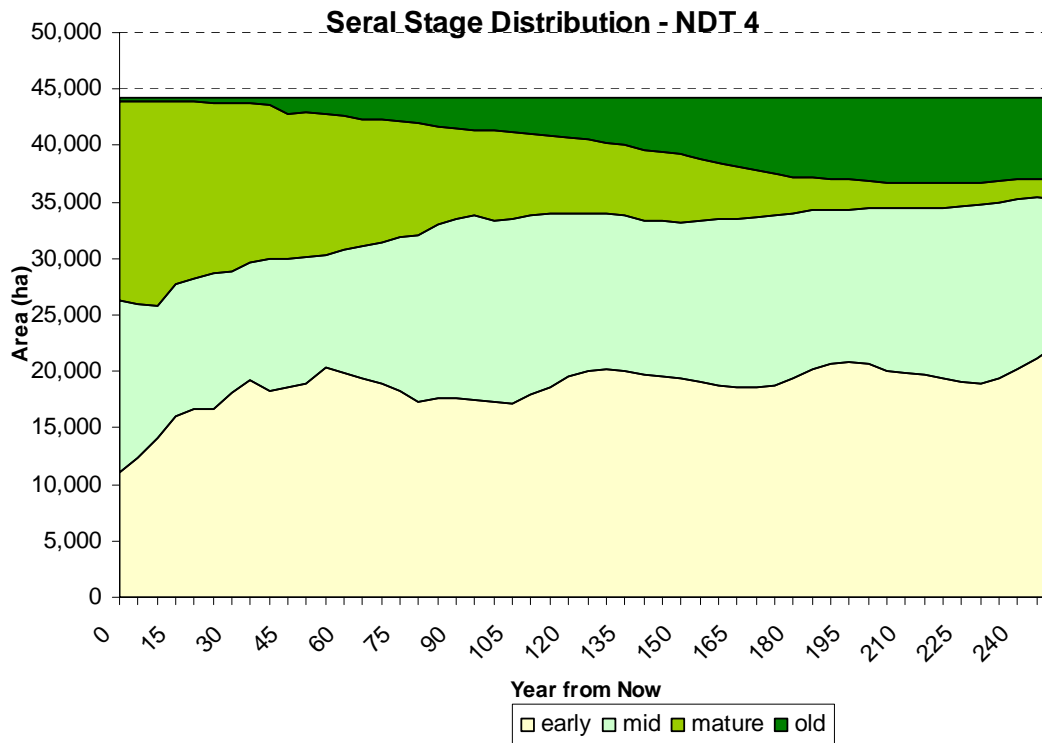


Figure 137. Late Fertilization Projection of seral stage distribution for NDT 4.

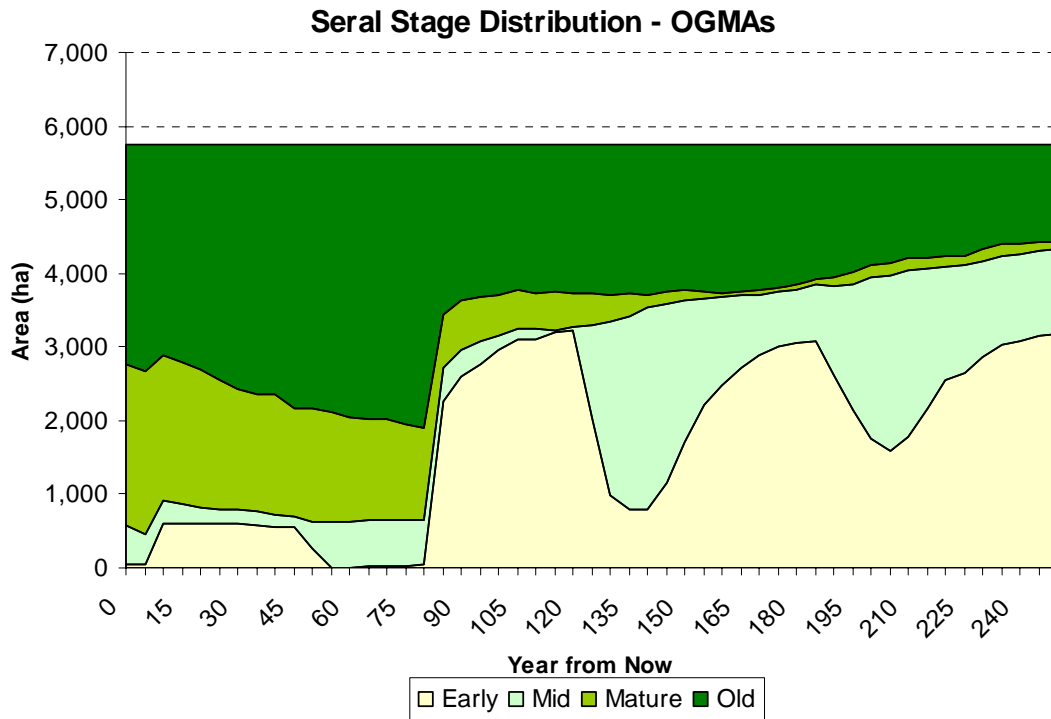


Figure 138. Late Fertilization - serai stage distribution for spatially explicit OGMA.

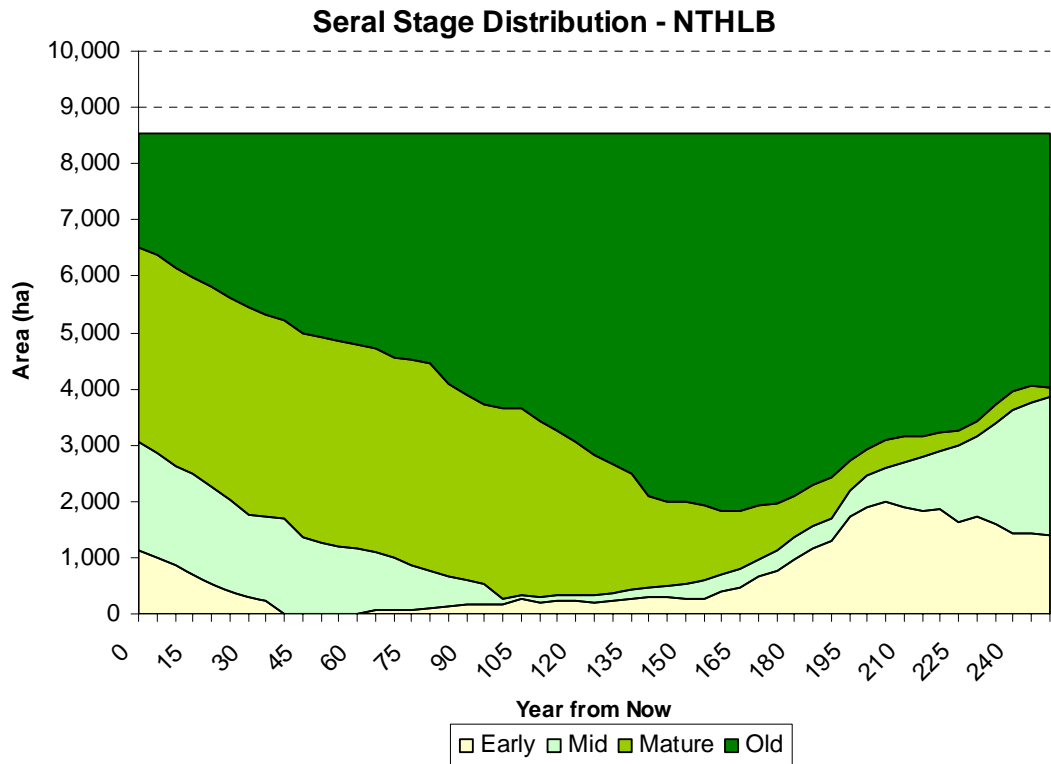


Figure 139. Late Fertilization Projection of serai stage distribution for the NTHLB.

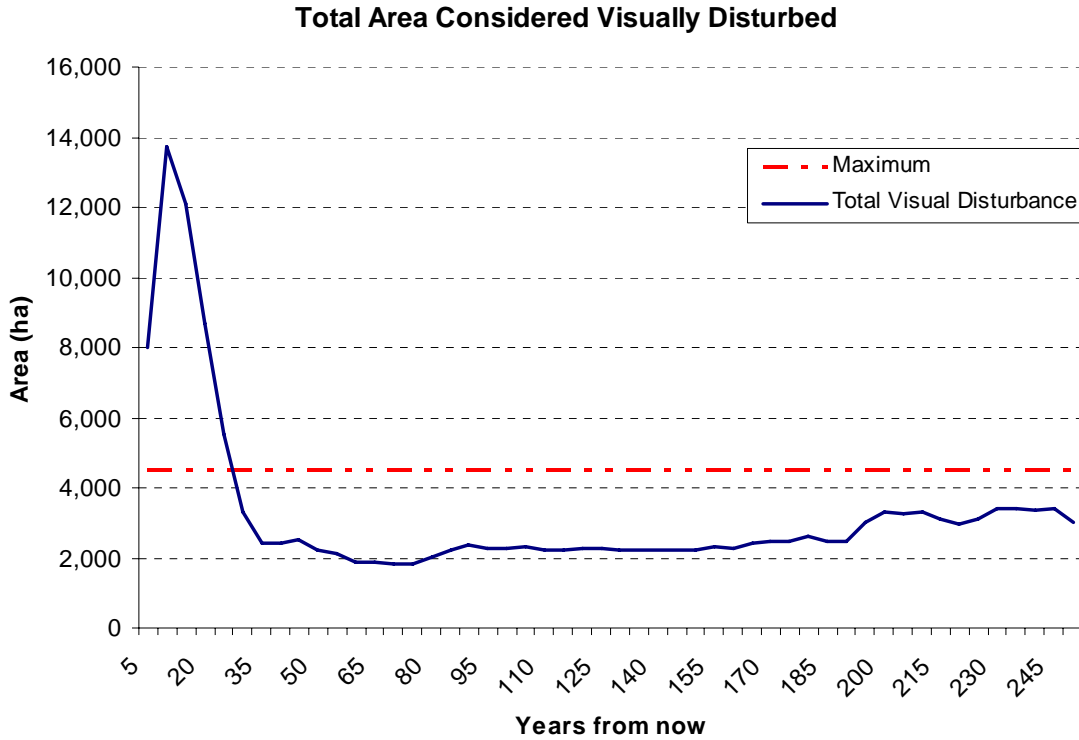


Figure 140. Late Fertilization projection of total area considered Visually Disturbed.

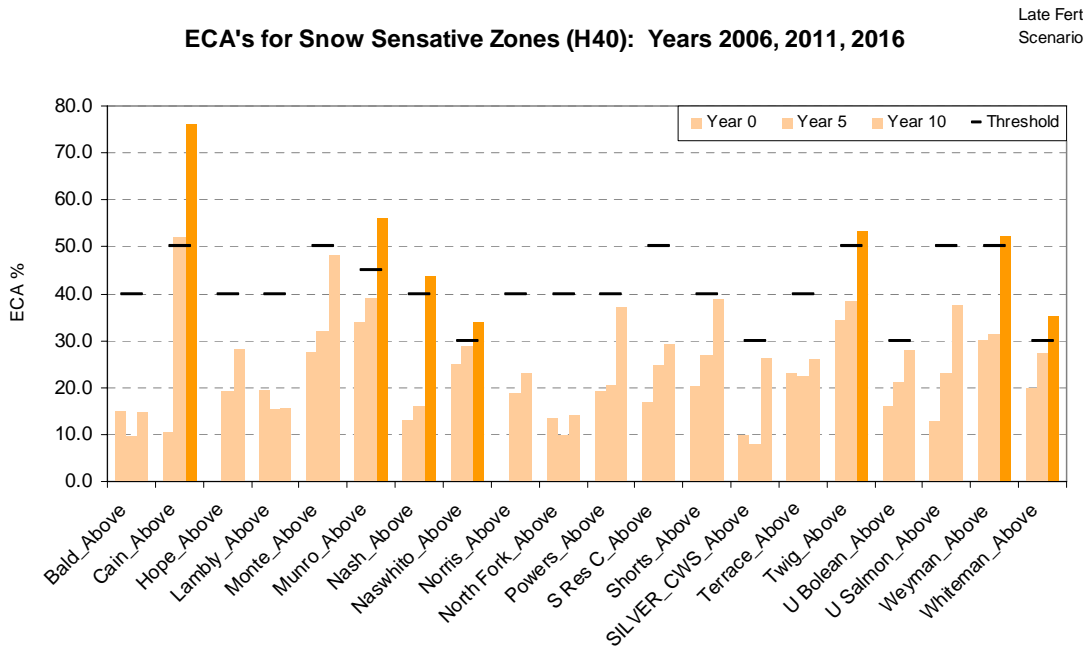


Figure 141. Late Fertilization ECA's for watershed above H40 (yrs 2006, 2011, 2016).

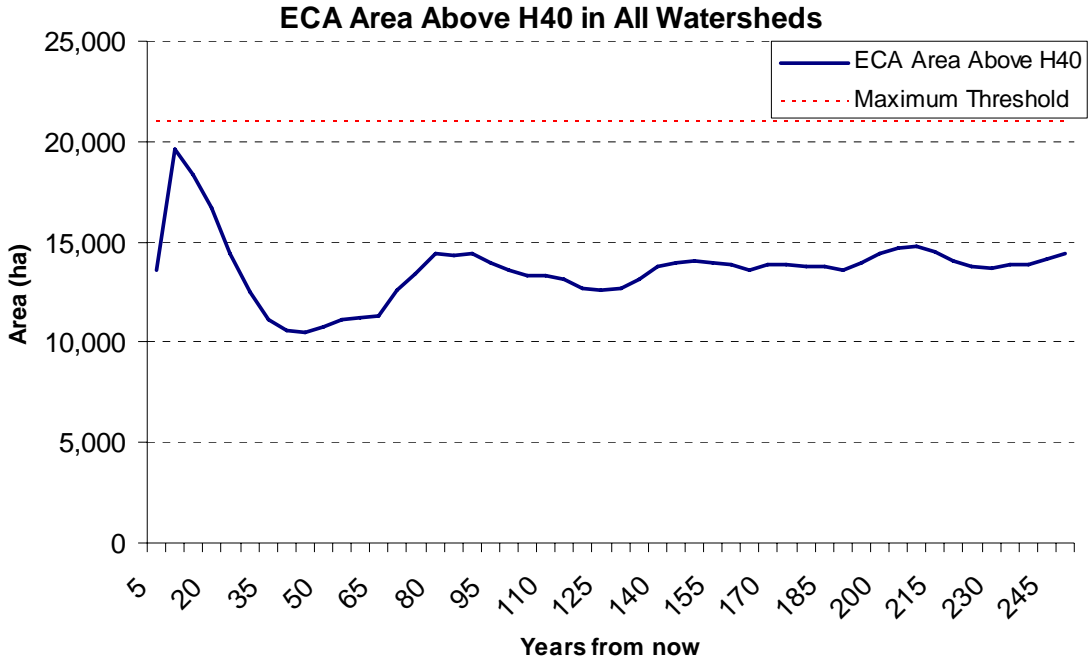


Figure 142. Late Fertilization Total ECA from all watersheds above H40.

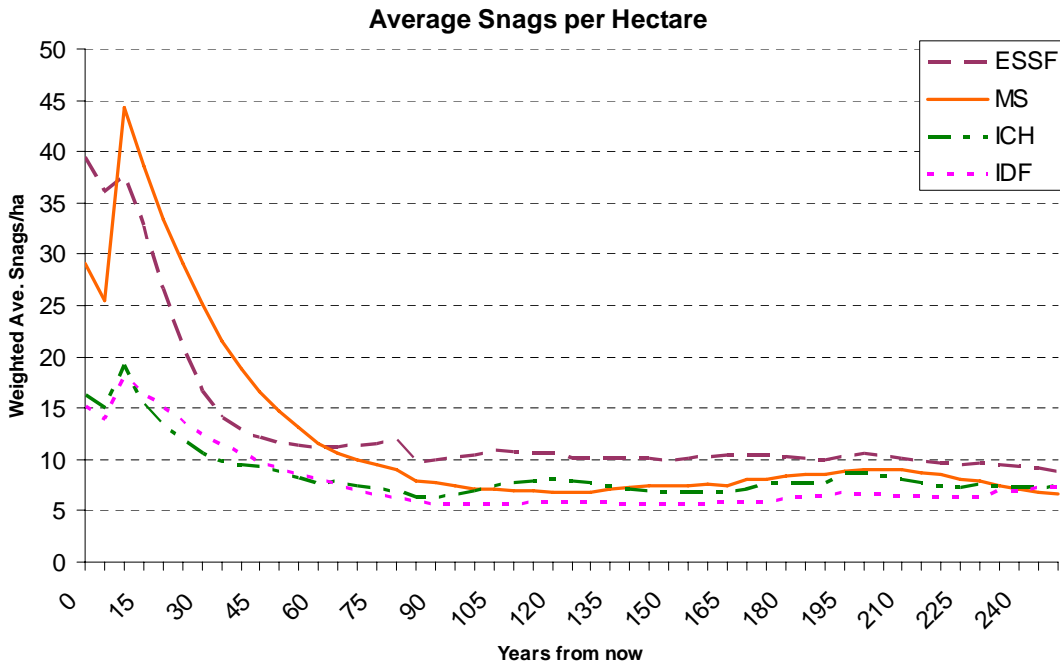


Figure 143. Late Fertilization projection of Average Snags per Hectare by BEC Zone

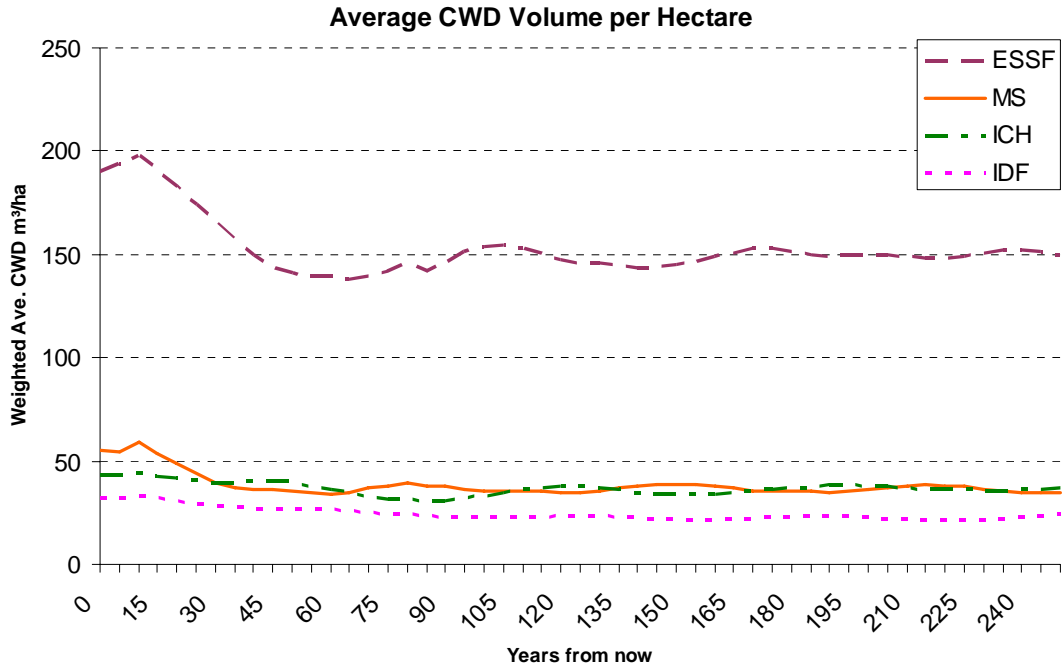


Figure 144. Late Fertilization projection of average CWD volume per hectare

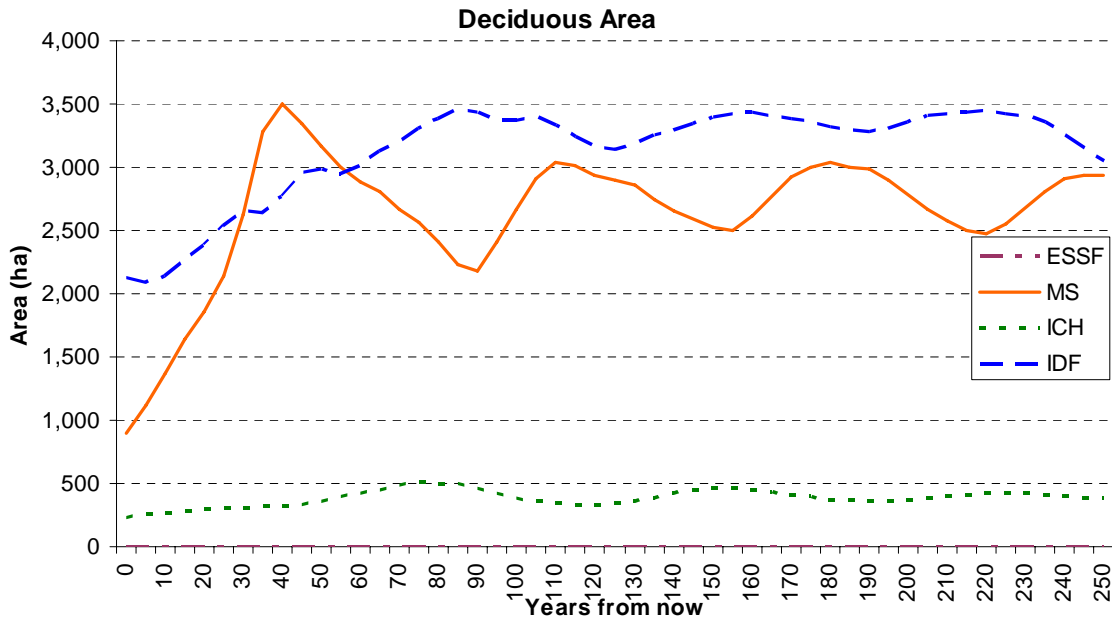


Figure 145. Late Fertilization projection of Deciduous area.

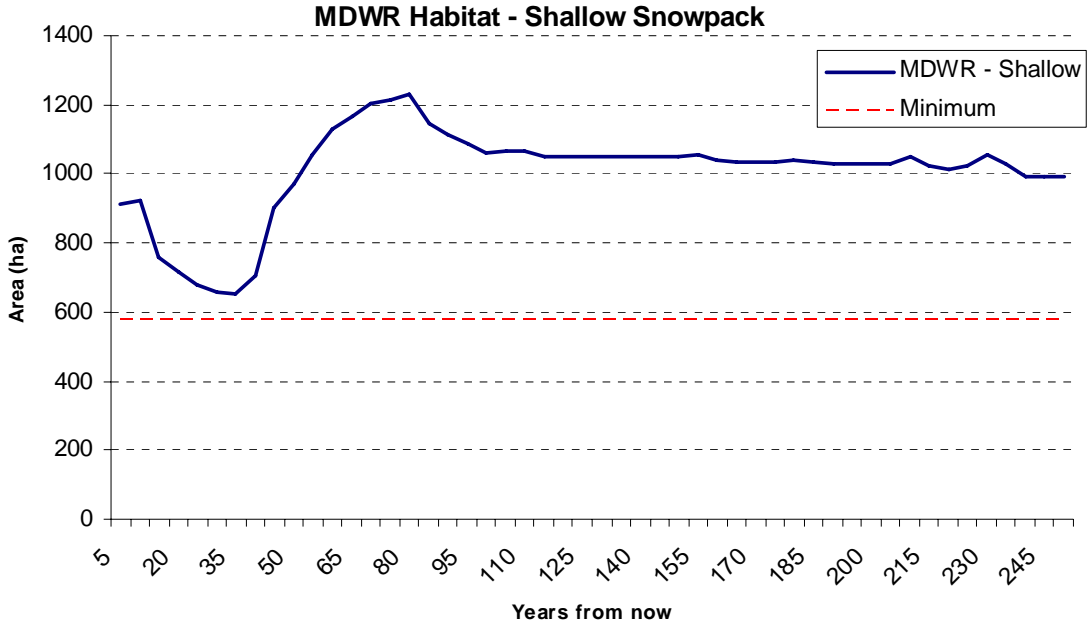


Figure 146. Late Fertilization projection of MDWR Habitat in the shallow snowpack zone.

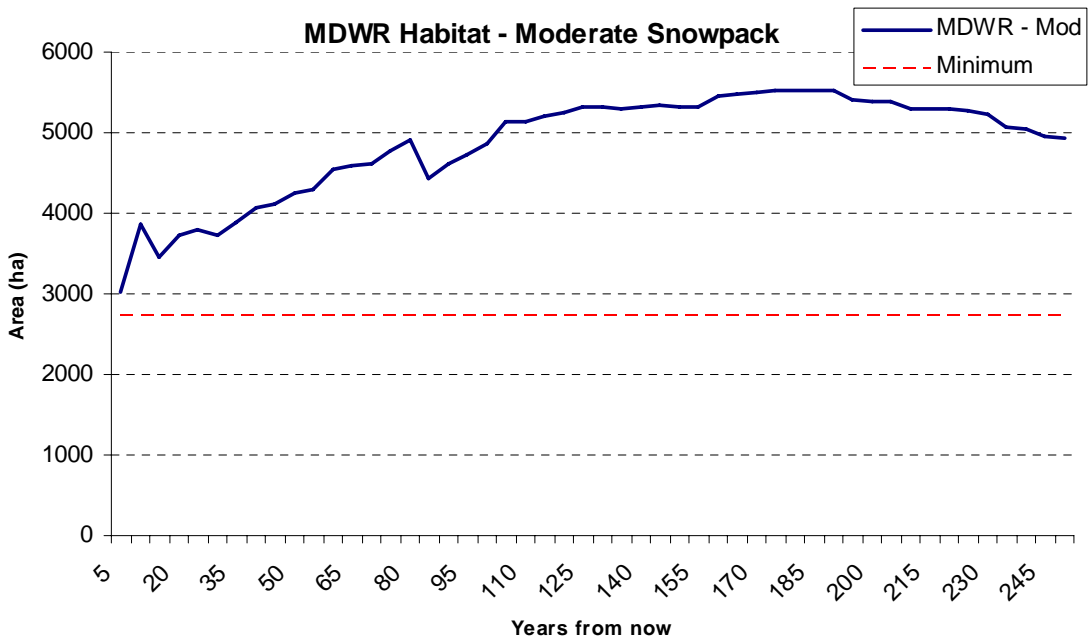


Figure 147. Late Fertilization projection of Moderate Snowpack MDWR Habitat.

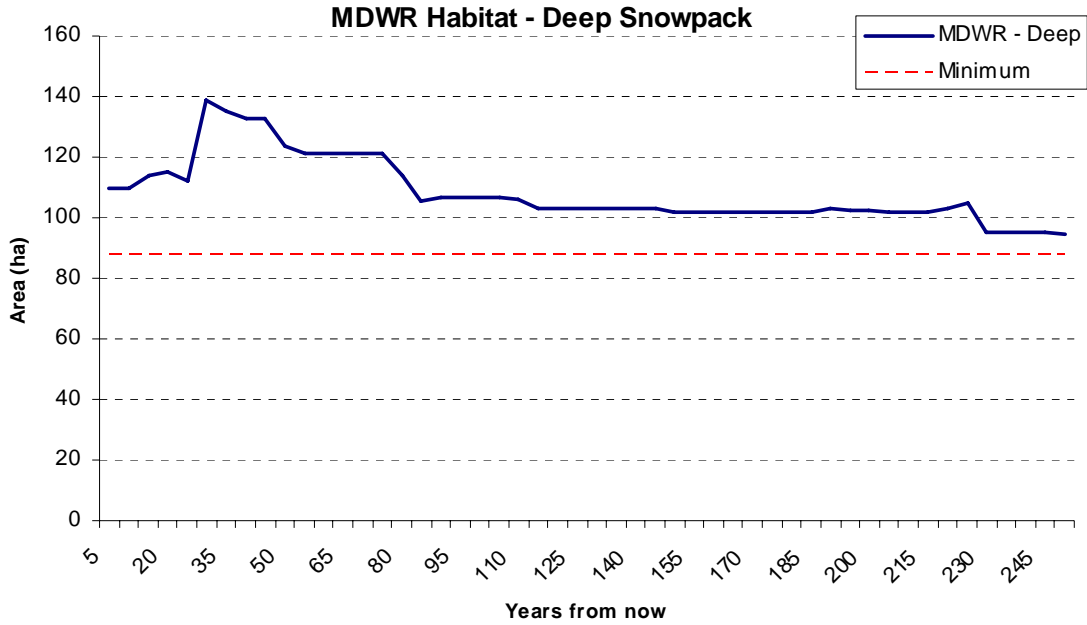


Figure 148. Late Fertilization projection of MDWR Habitat in the deep snowpack zone.

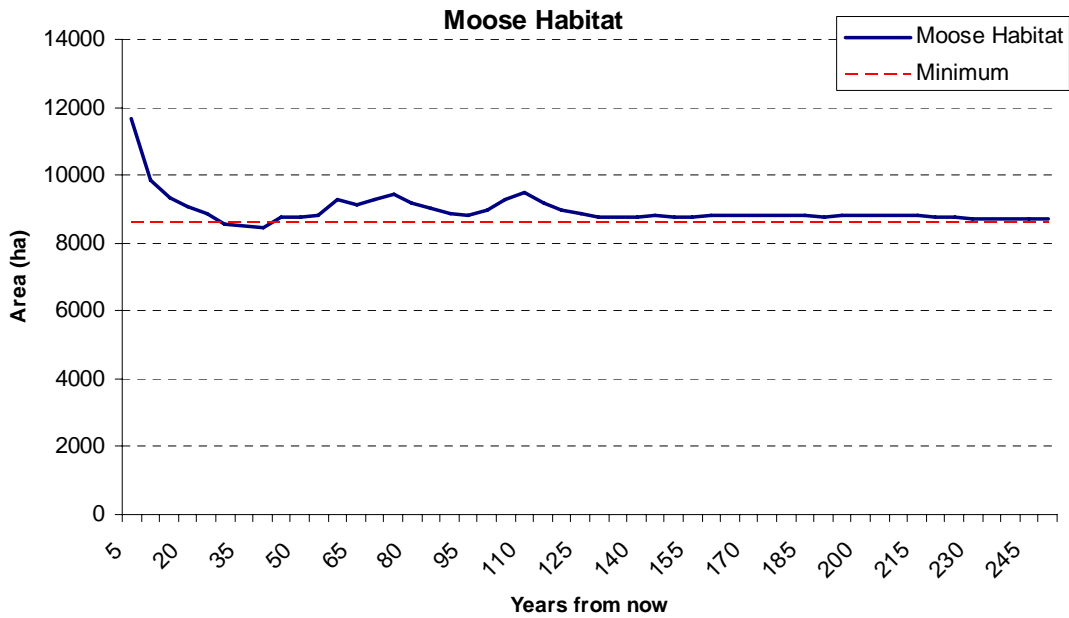


Figure 149. Late Fertilization projection of moose habitat.

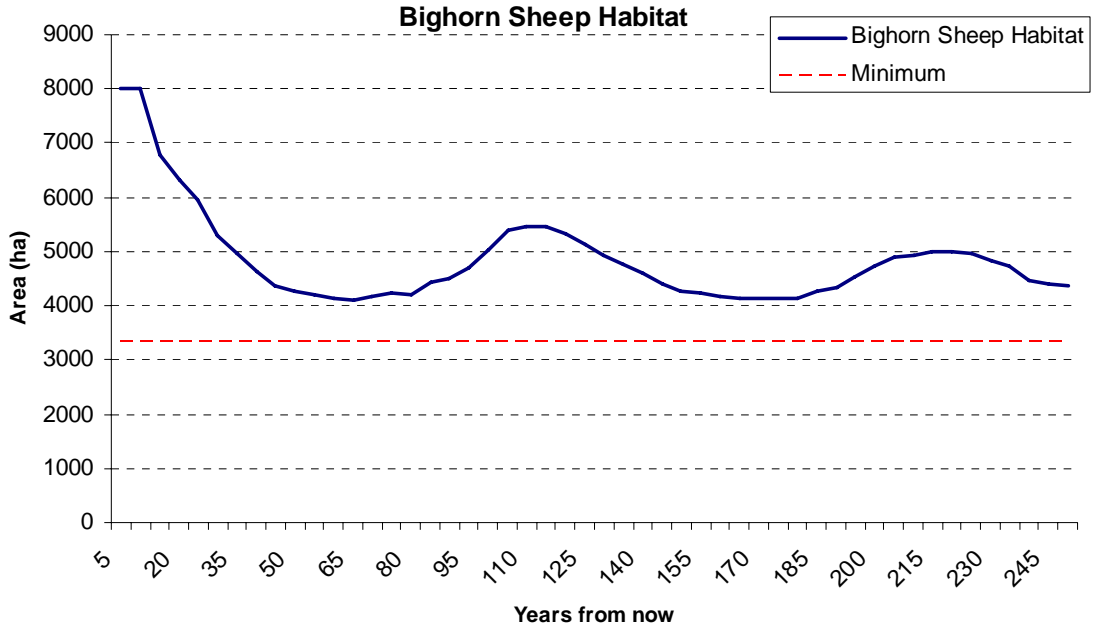


Figure 150. Late Fertilization projection of Bighorn Sheep Habitat.

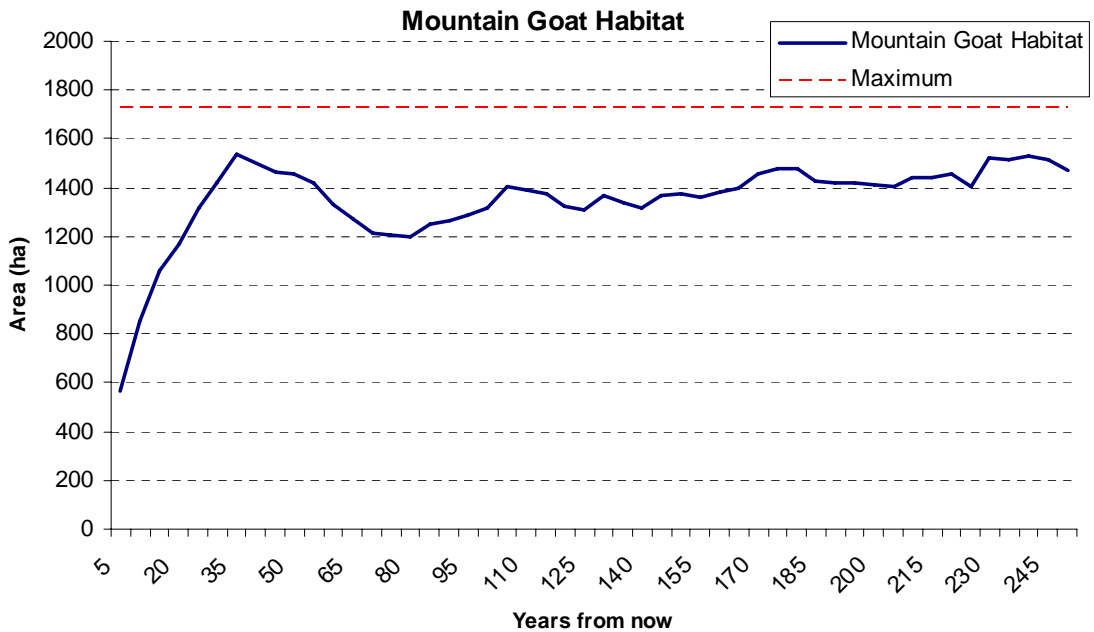


Figure 151. Late Fertilization projection of Mountain Goat Habitat (area <33yrs old).

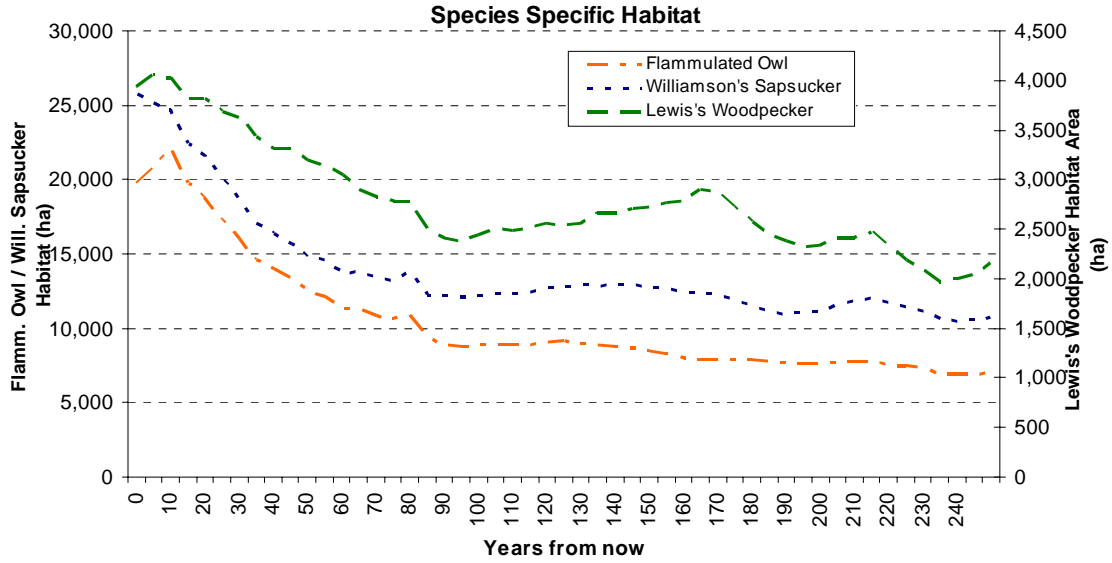


Figure 152. Late Fertilization projection of Species Specific Habitat for the Flammulated Owl, Williamson's Sapsucker, and Lewis's Woodpecker.

Multiple Fertilization

Timber Supply Indicators

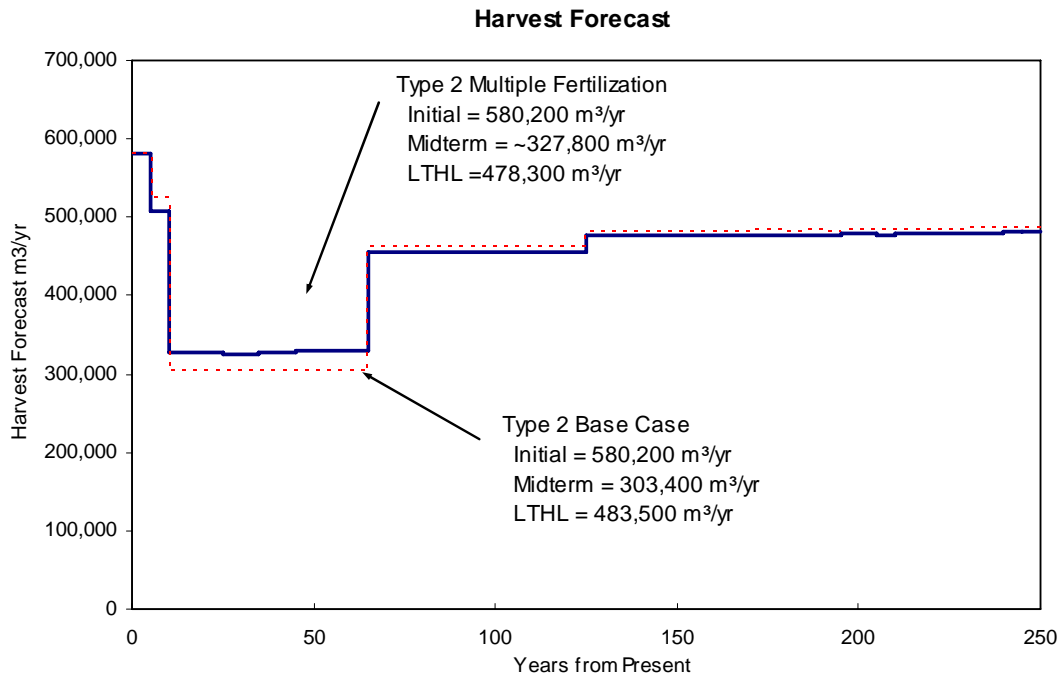


Figure 153. Multiple Fertilization harvest flow projection compared to Type 2 Revised Base Case.

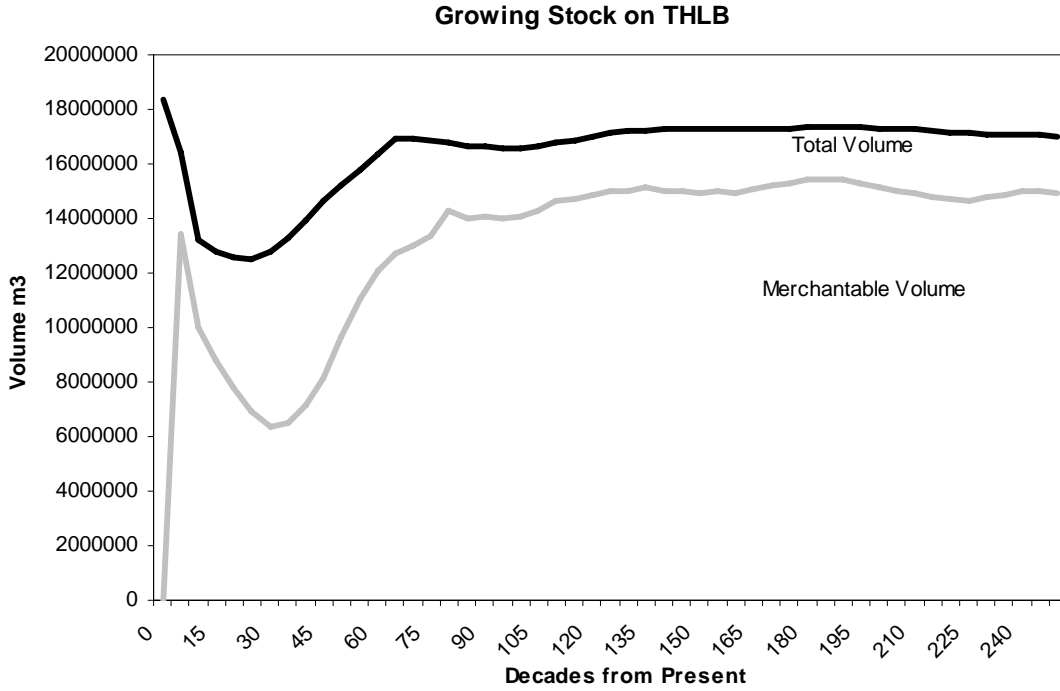


Figure 154. Multiple Fertilization merchantable and total growing stock (THLB).

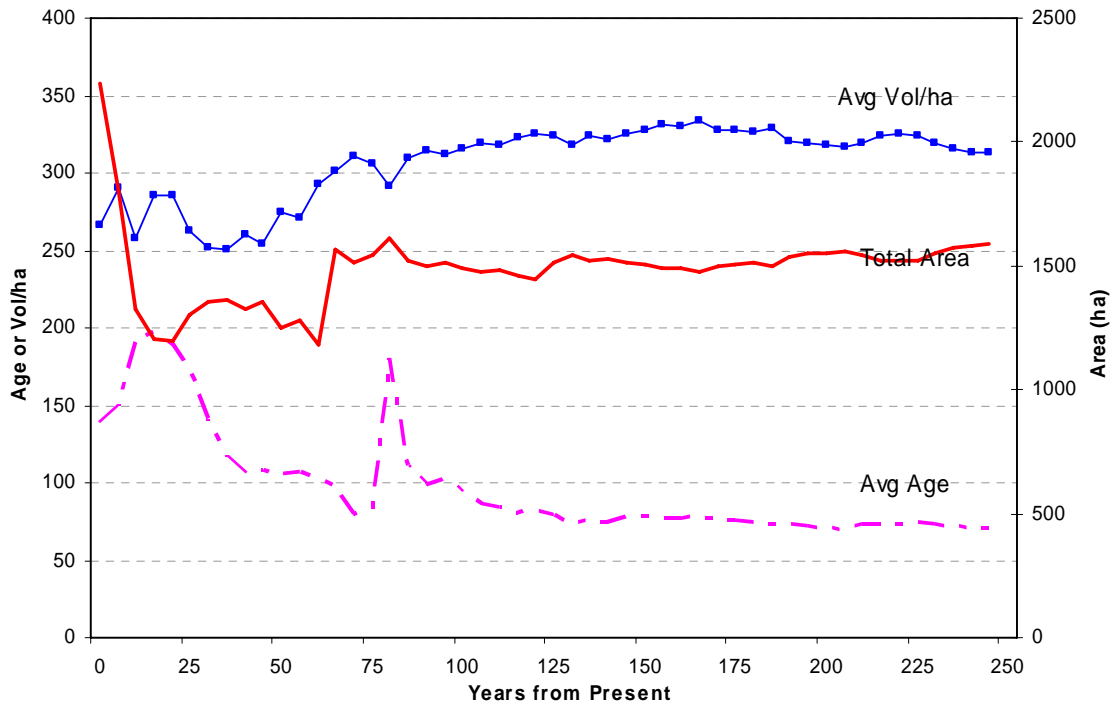


Figure 155. Multiple Fertilization average harvest age / volume / areas.

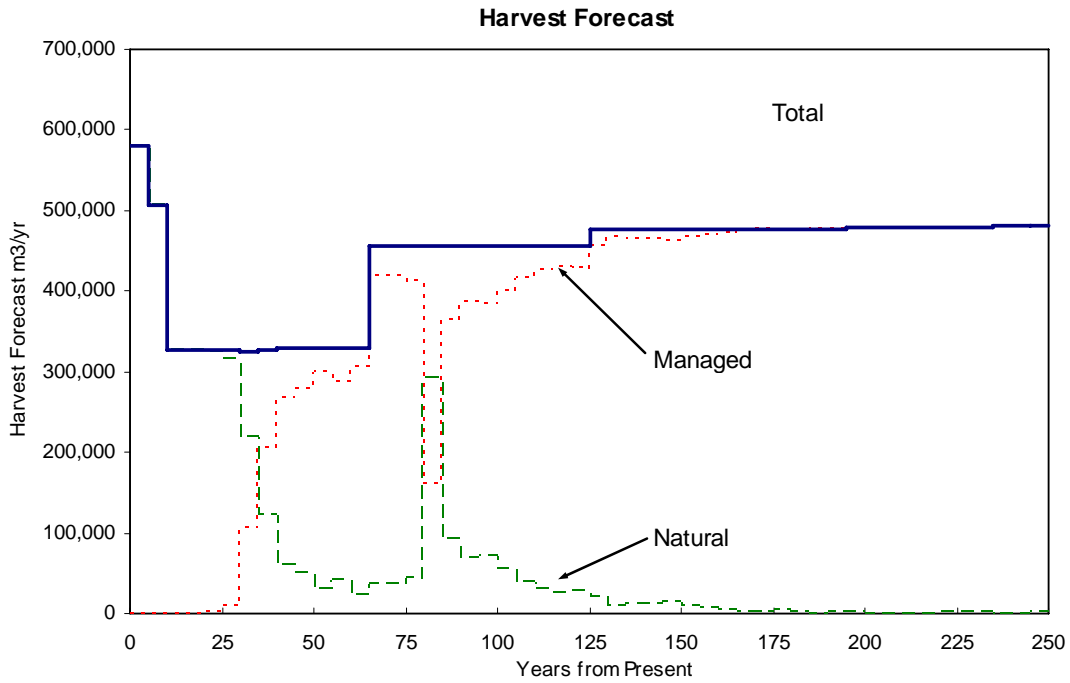


Figure 156. Multiple Fertilization transition of natural stands to managed stands.

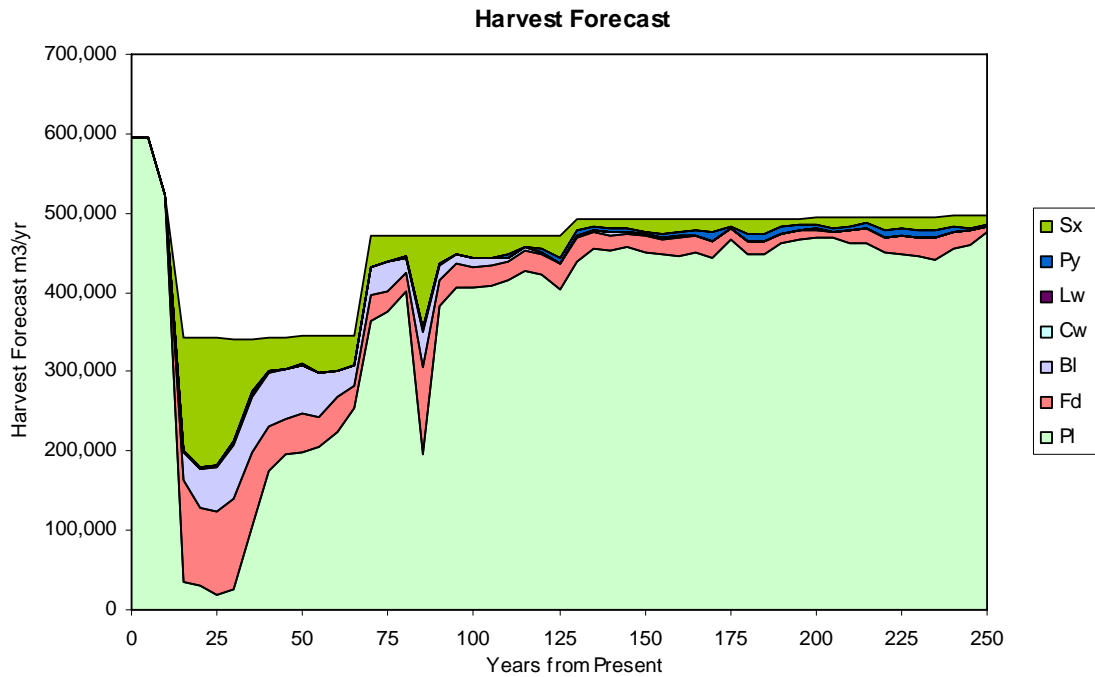


Figure 157. Multiple Fertilization projected tree species contribution to harvest

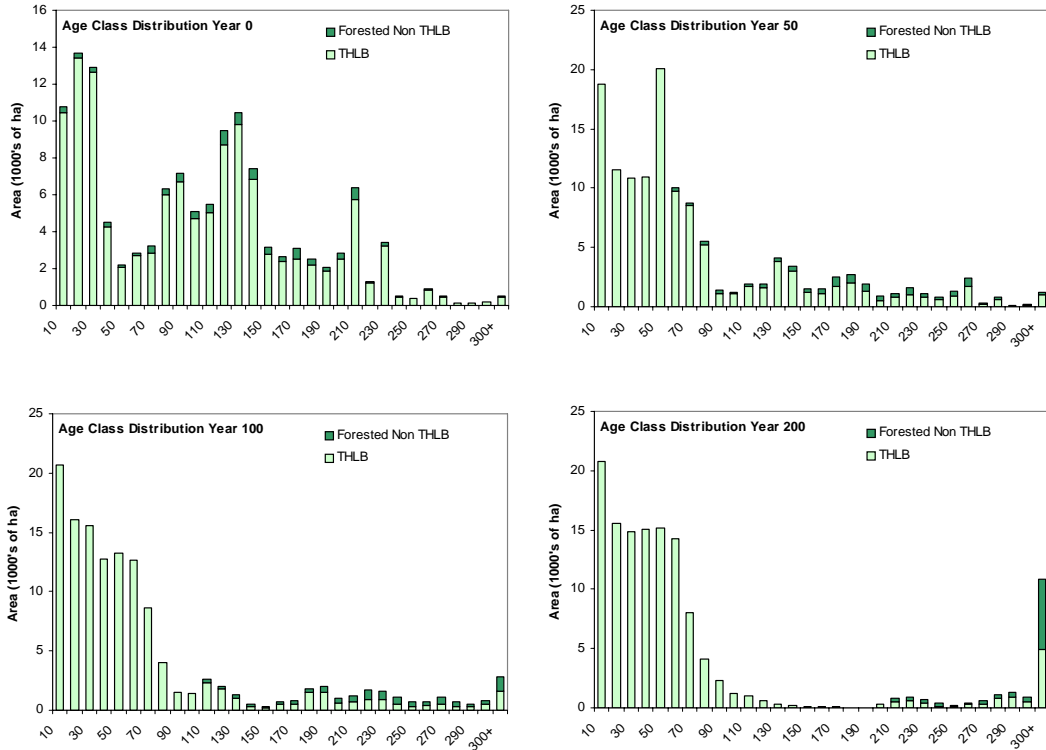


Figure 158. Multiple Fertilization projected Age Class Distribution 0,50,100, and 200 years into the future.

Economic Indicators

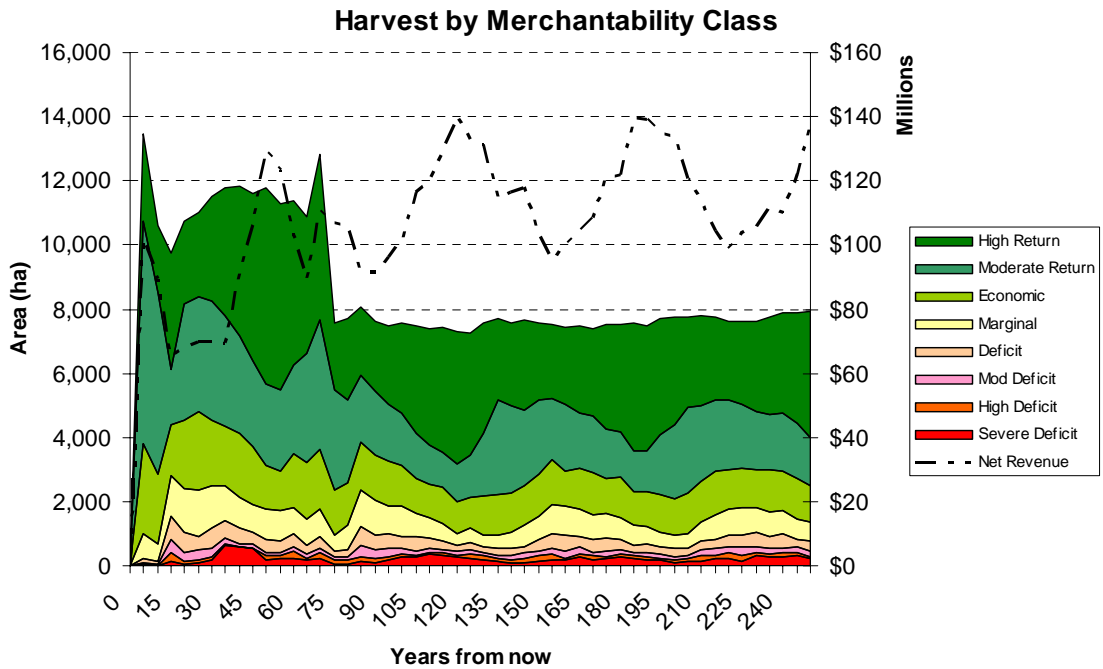


Figure 159. Multiple Fertilization projection of Harvest by Merchantability class.

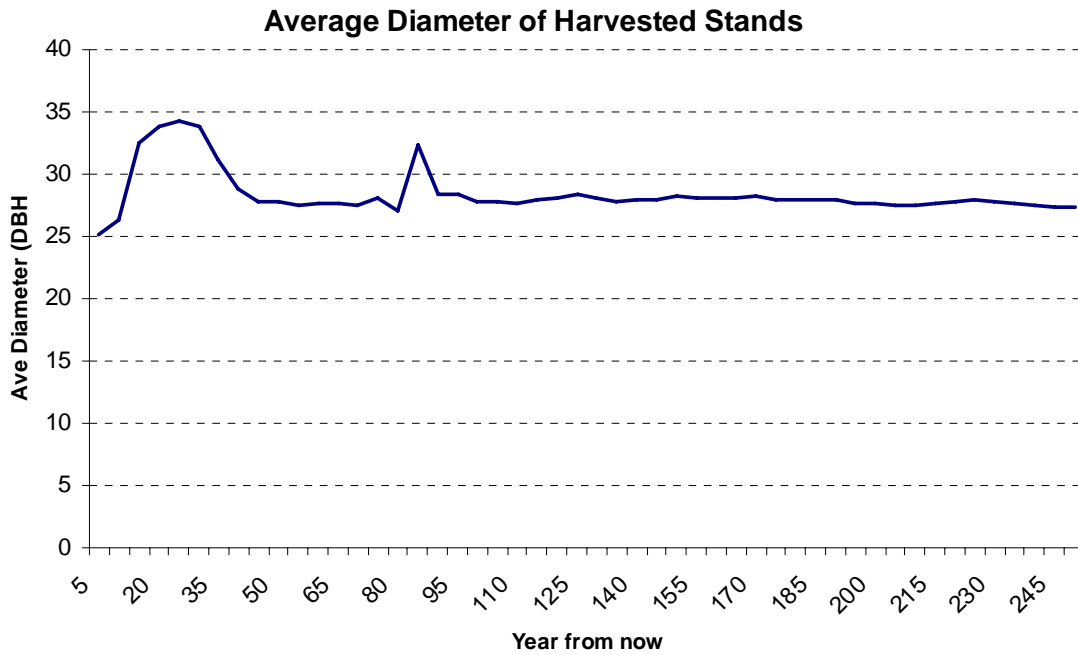


Figure 160. Multiple Fertilization projection of average diameter of harvested stands.

Watershed, Ecosystem, and Habitat Indicators

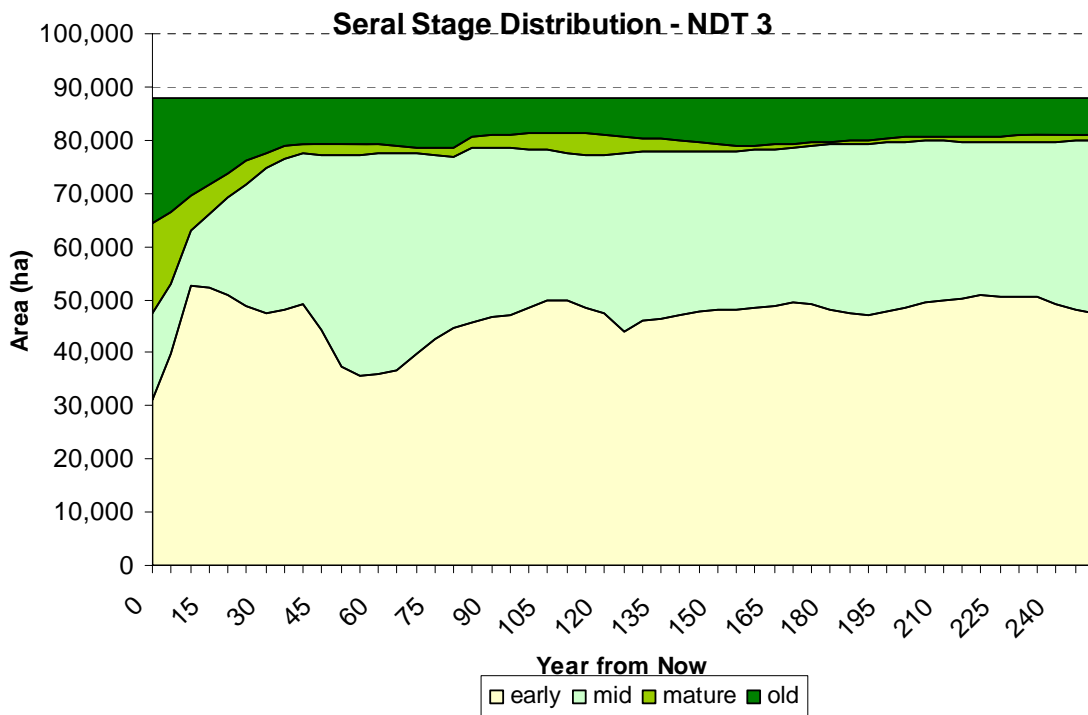


Figure 161. Multiple Fertilization Projection of seral stage distribution for NDT 3.

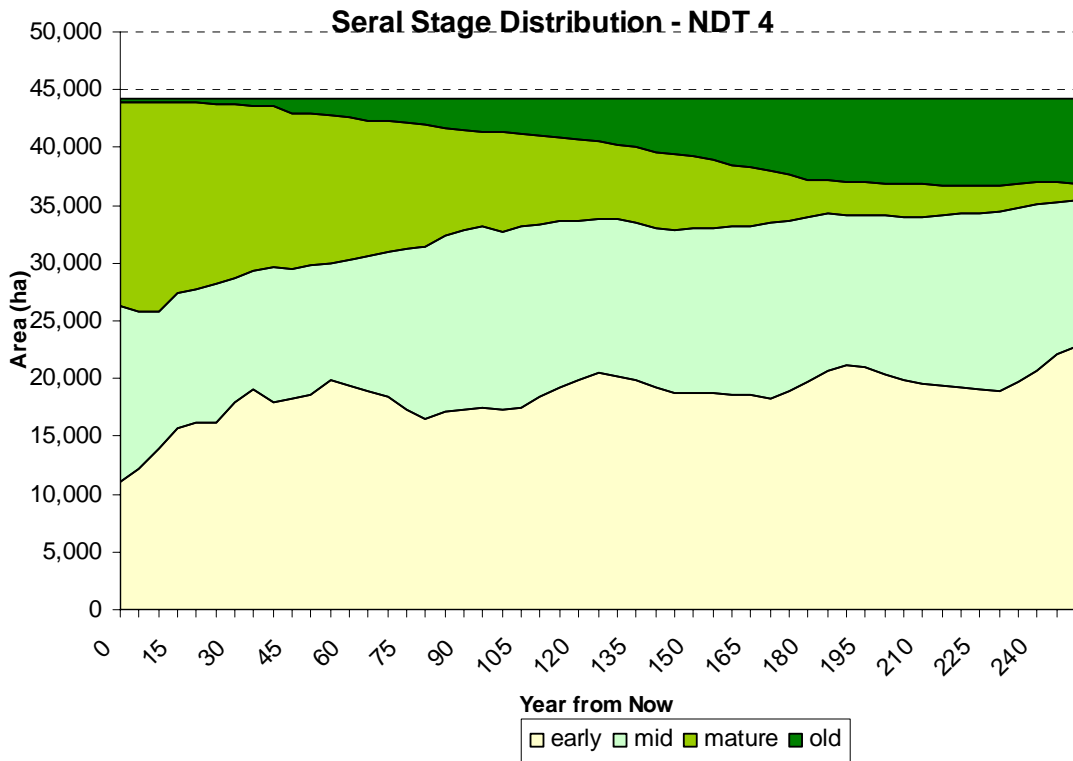


Figure 162. Multiple Fertilization Projection of serai stage distribution for NDT 4.

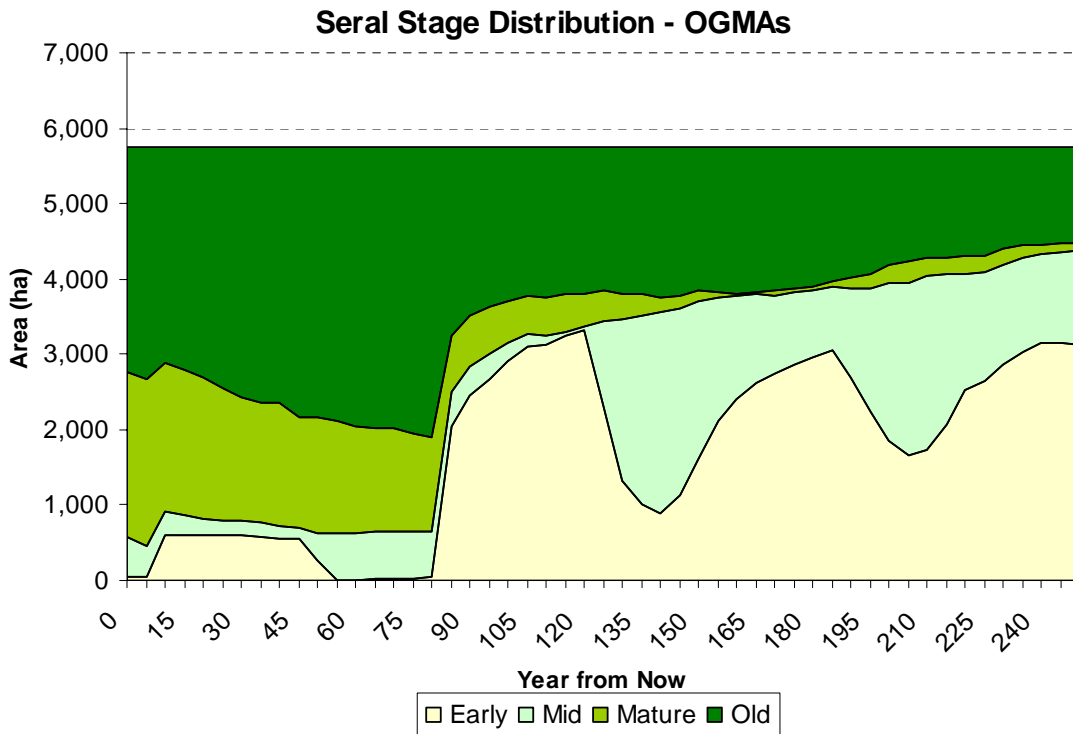


Figure 163. Multiple Fertilization - serai stage distribution for spatially explicit OGMAs.

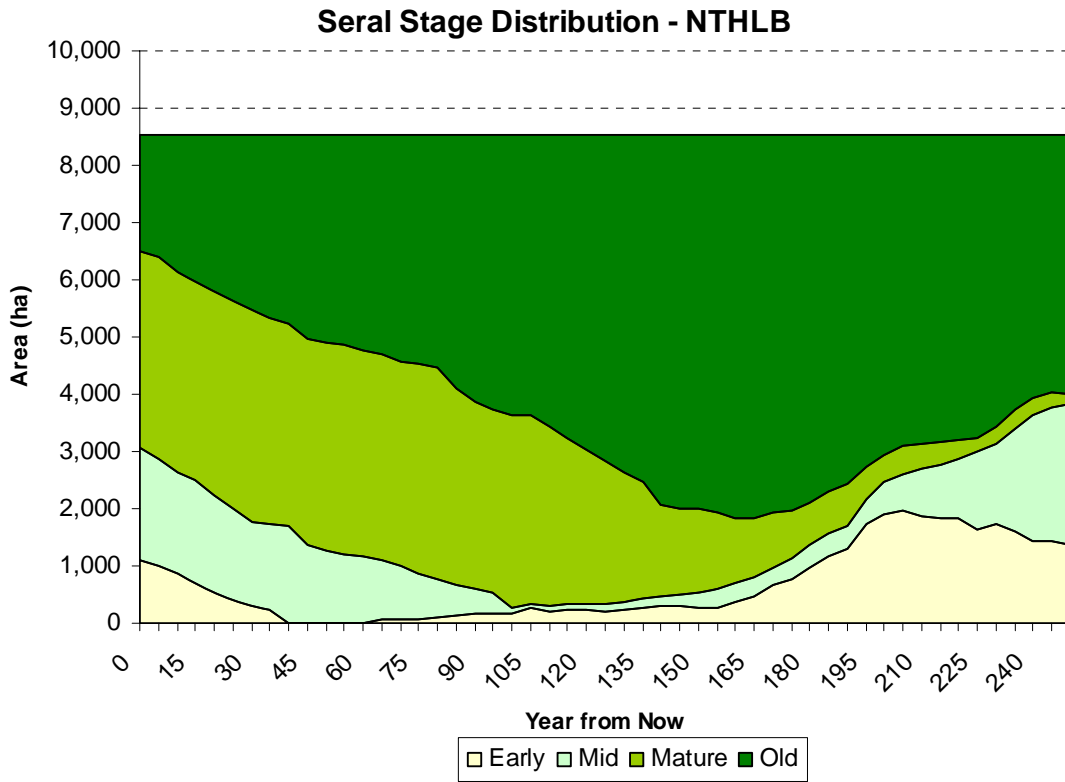


Figure 164. Multiple Fertilization Projection of serai stage distribution for the NTHLB.

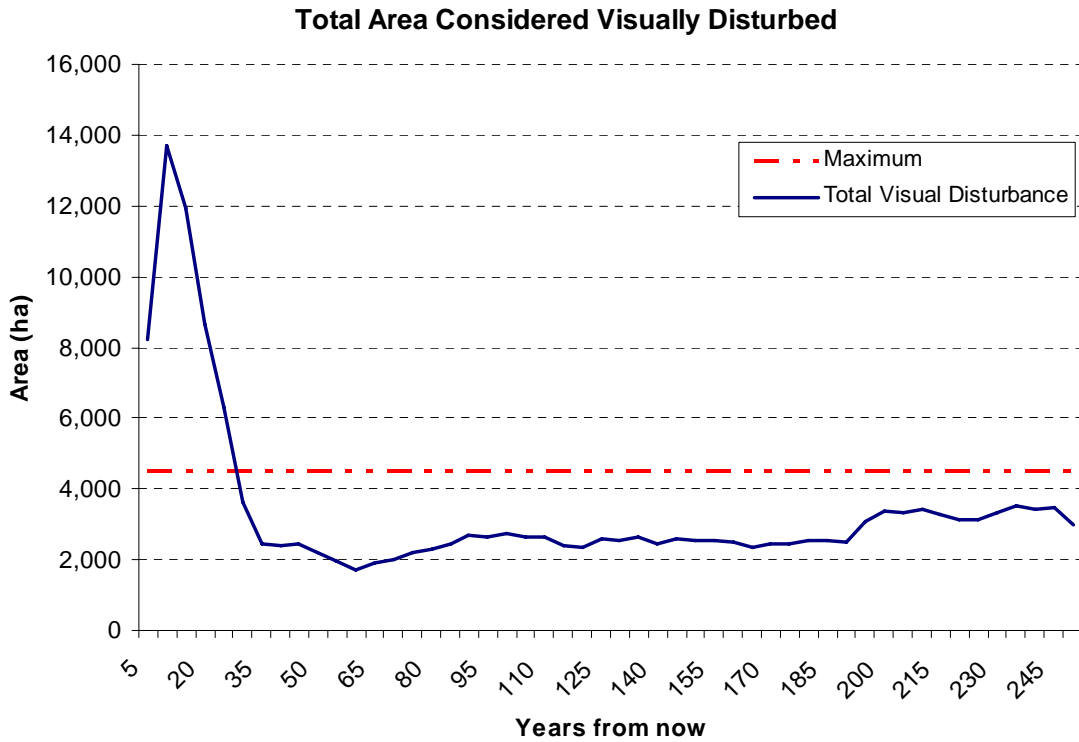


Figure 165. Multiple Fertilization projection of total area considered Visually Disturbed.

ECA's for Snow Sensitive Zones (H40): Years 2006, 2011, 2016

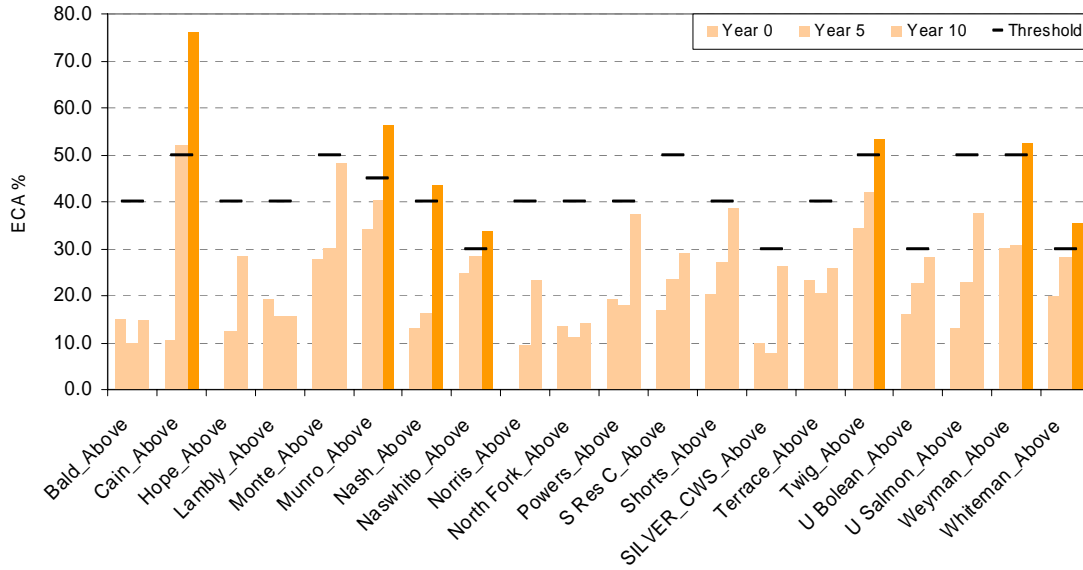


Figure 166. Multiple Fertilization ECA's for watershed above H40 (yrs 2006, 2011, 2016).

ECA Area Above H40 in All Watersheds

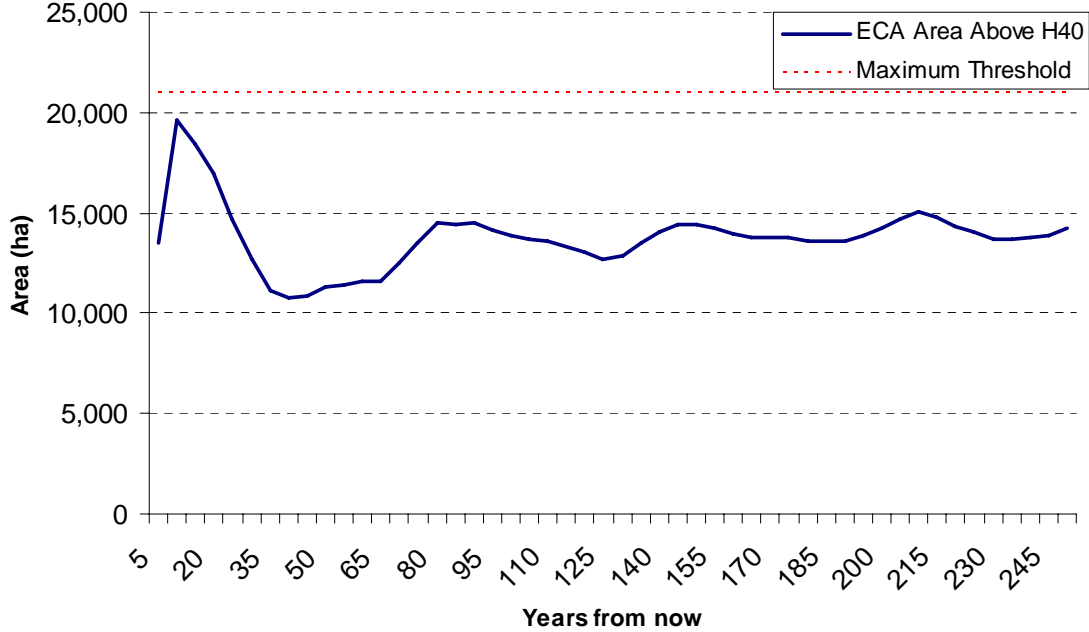


Figure 167. Multiple Fertilization Total ECA from all watersheds above H40.

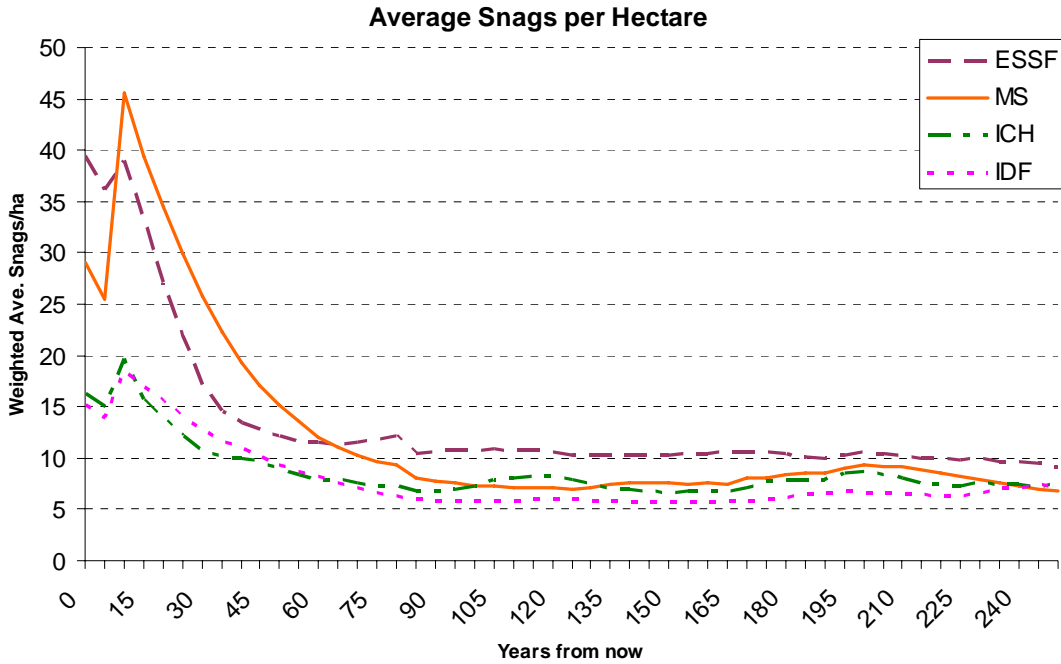


Figure 168. Multiple Fertilization projection of Average Snags per Hectare by BEC Zone

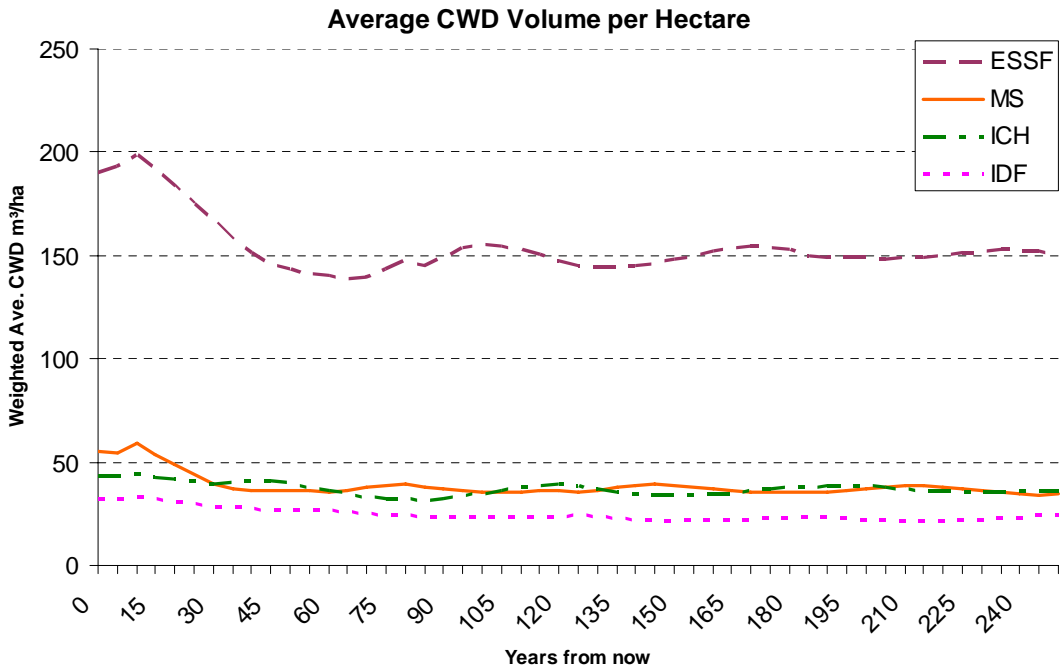


Figure 169. Multiple Fertilization projection of average CWD volume per hectare

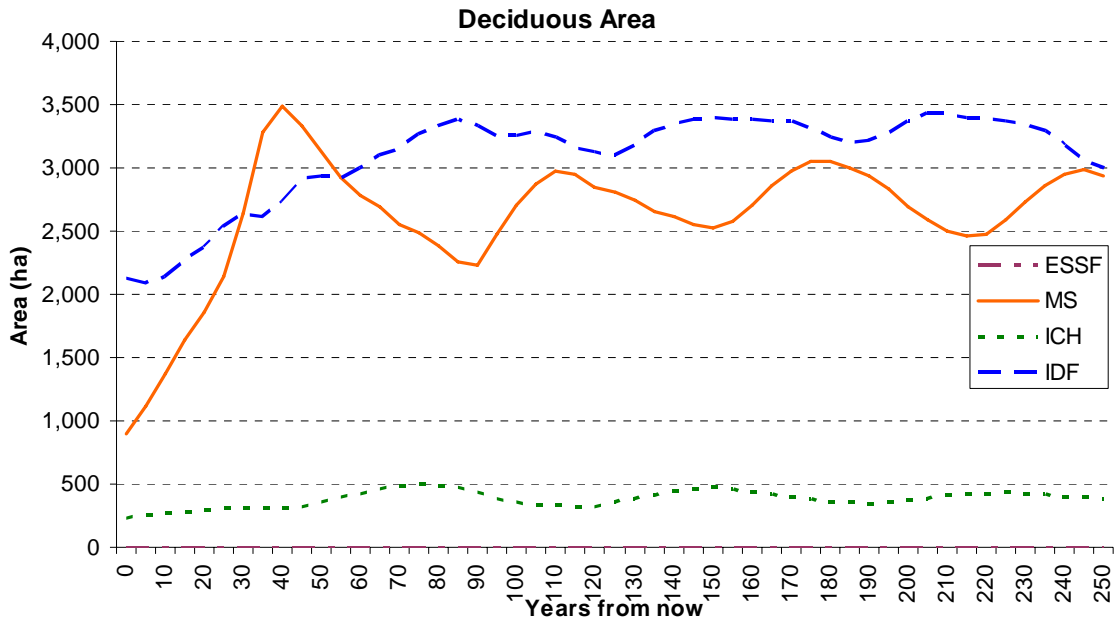


Figure 170. Multiple Fertilization projection of Deciduous area.

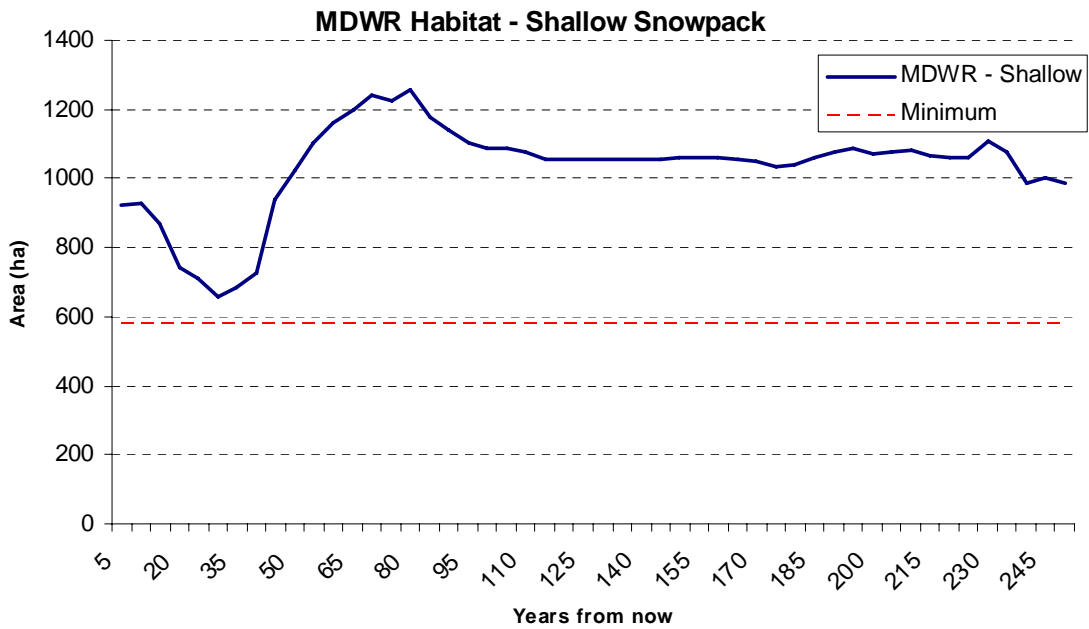


Figure 171. Multiple Fertilization projection of MDWR Habitat in the shallow snowpack zone.

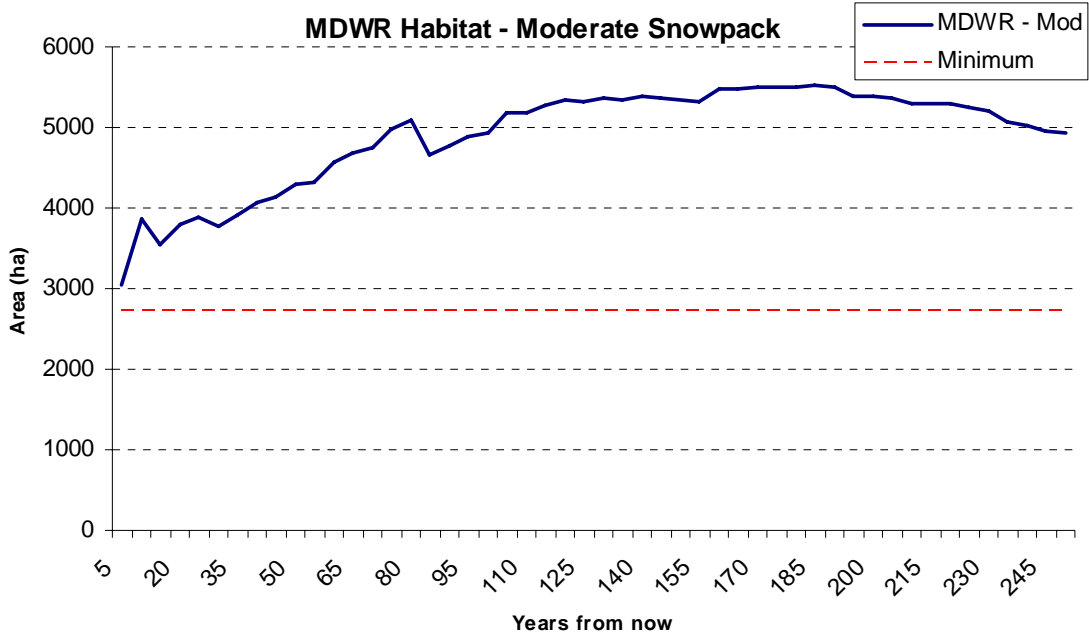


Figure 172. Multiple Fertilization projection of Moderate Snowpack MDWR Habitat.

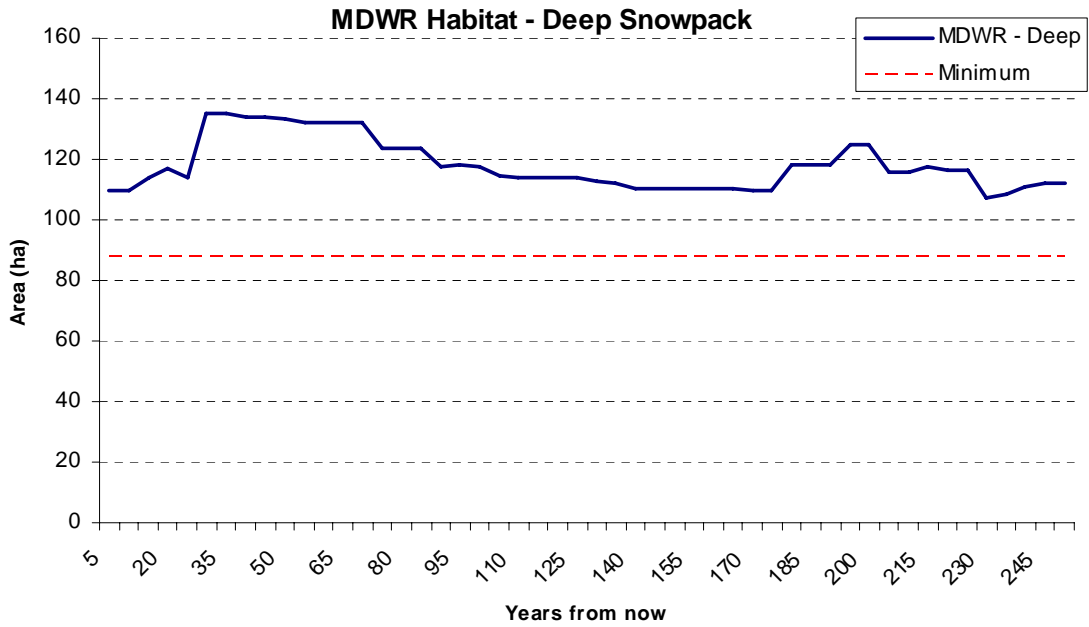


Figure 173. Multiple Fertilization projection of MDWR Habitat in the deep snowpack zone.

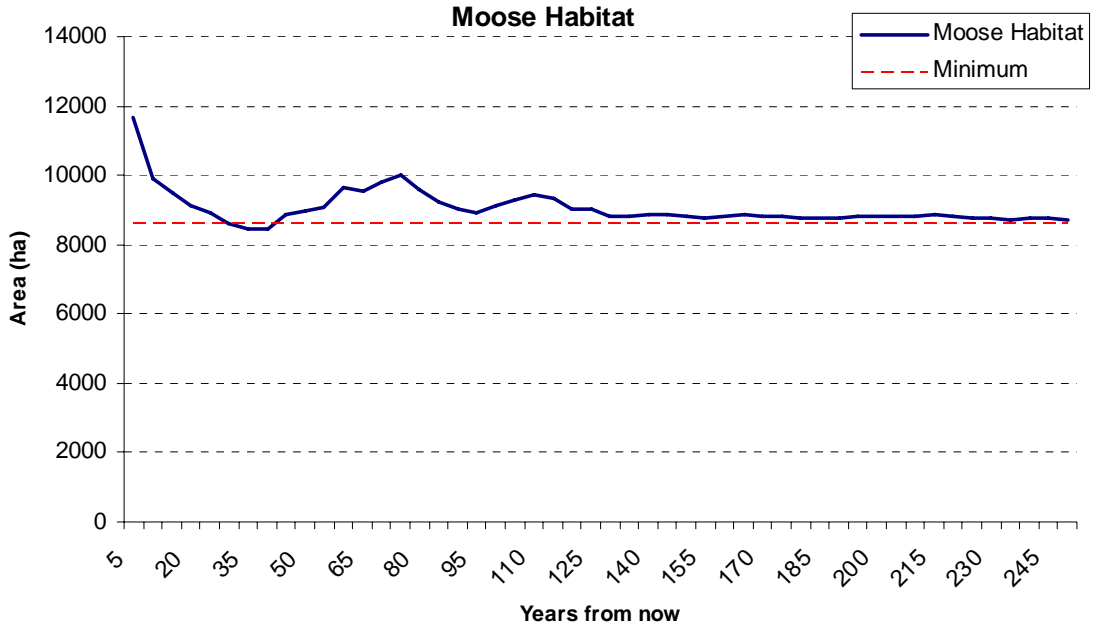


Figure 174. Multiple Fertilization projection of moose habitat.

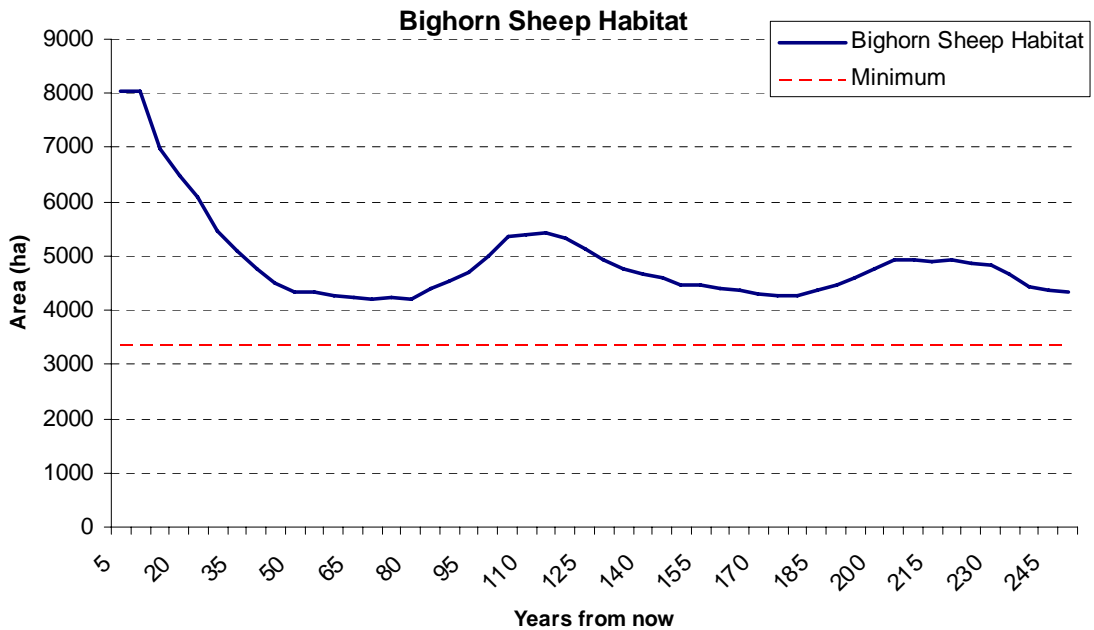


Figure 175. Multiple Fertilization projection of Bighorn Sheep Habitat.

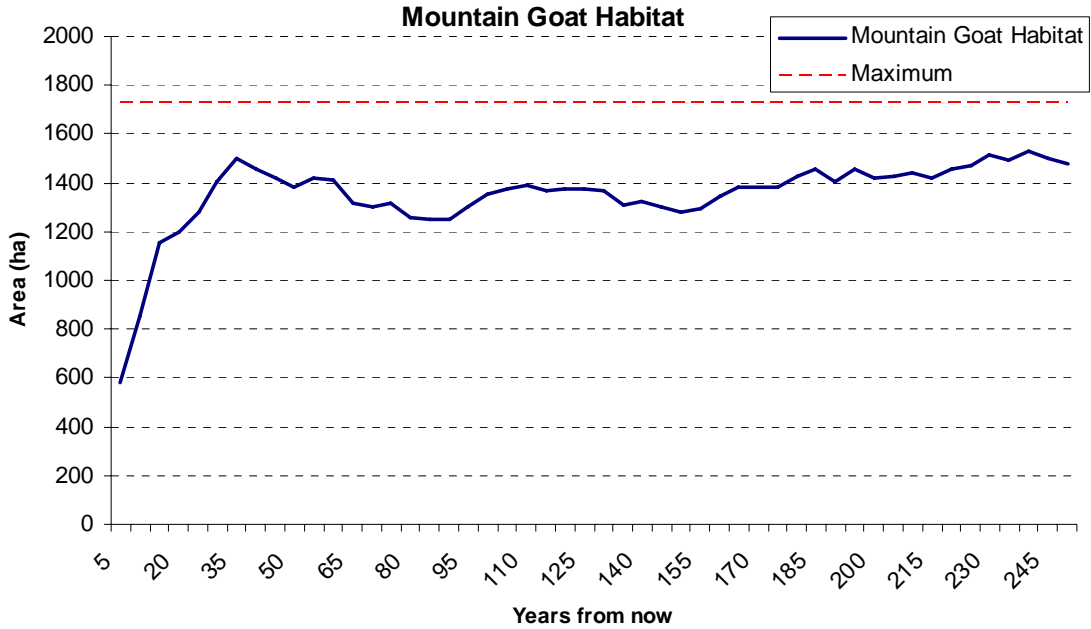


Figure 176. Multiple Fertilization projection of Mountain Goat Habitat (area <33yrs old).

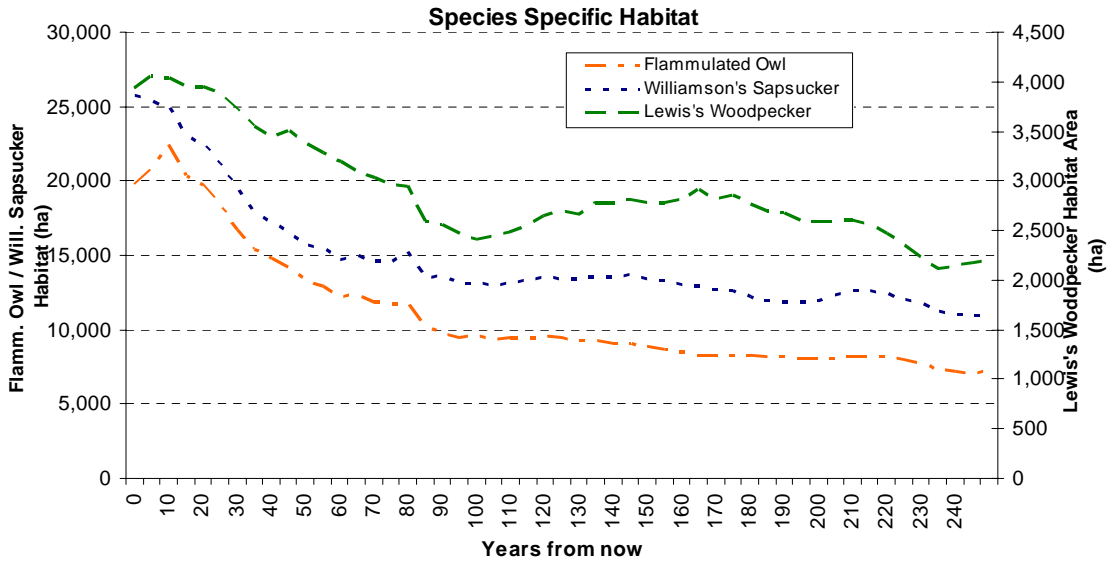


Figure 177. Multiple Fertilization projection of Species Specific Habitat for the Flammulated Owl, Williamson's Sapsucker, and Lewis's Woodpecker.

Loss of Marginal Stands 1

Timber Supply Indicators

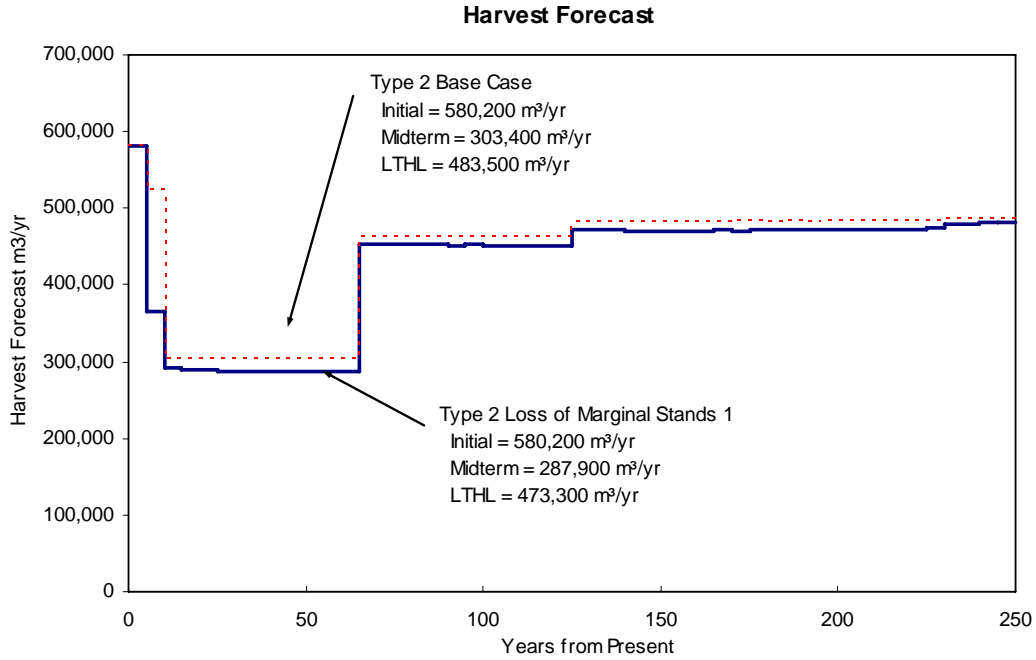


Figure 178. Loss of Marginal Stands 1 harvest flow projection compared to Type 2 Revised Base Case.

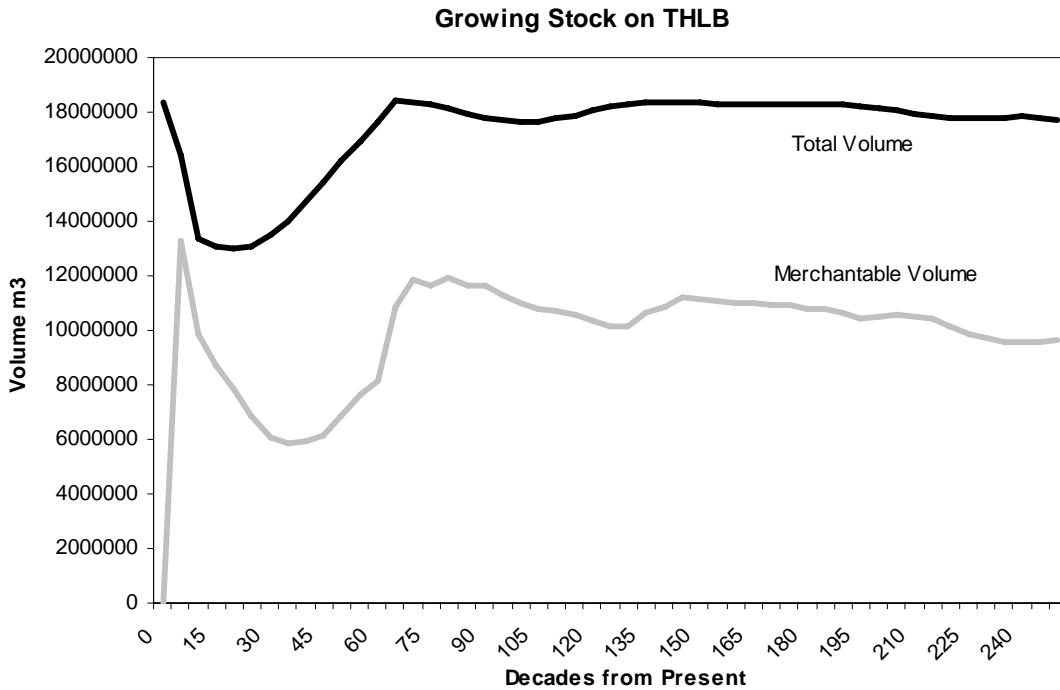


Figure 179. Loss of Marginal Stands 1 merchantable and total growing stock (THLB).

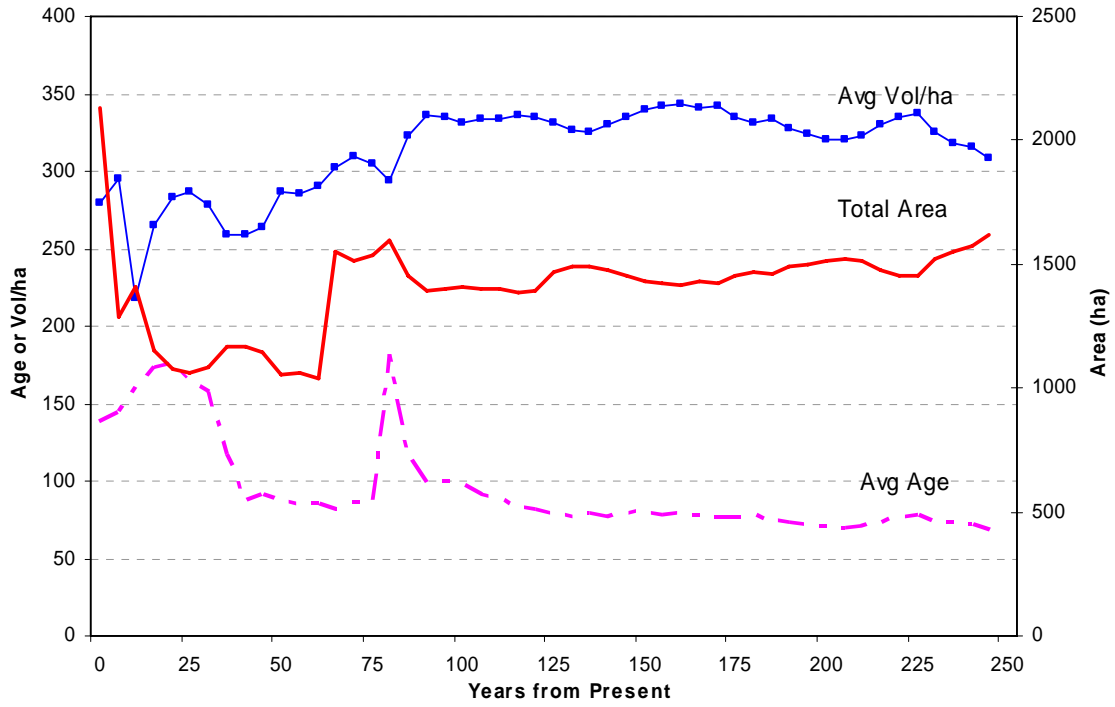


Figure 180. Loss of Marginal Stands 1 average harvest age / volume / areas.

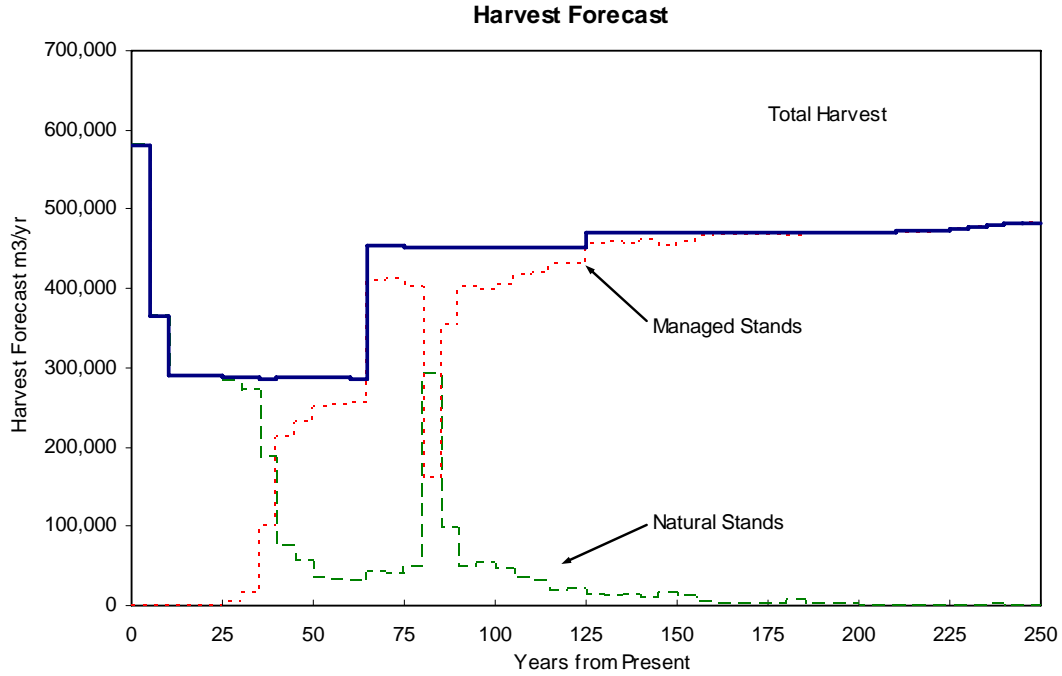


Figure 181. Loss of Marginal Stands 1 transition of natural stands to managed stands.

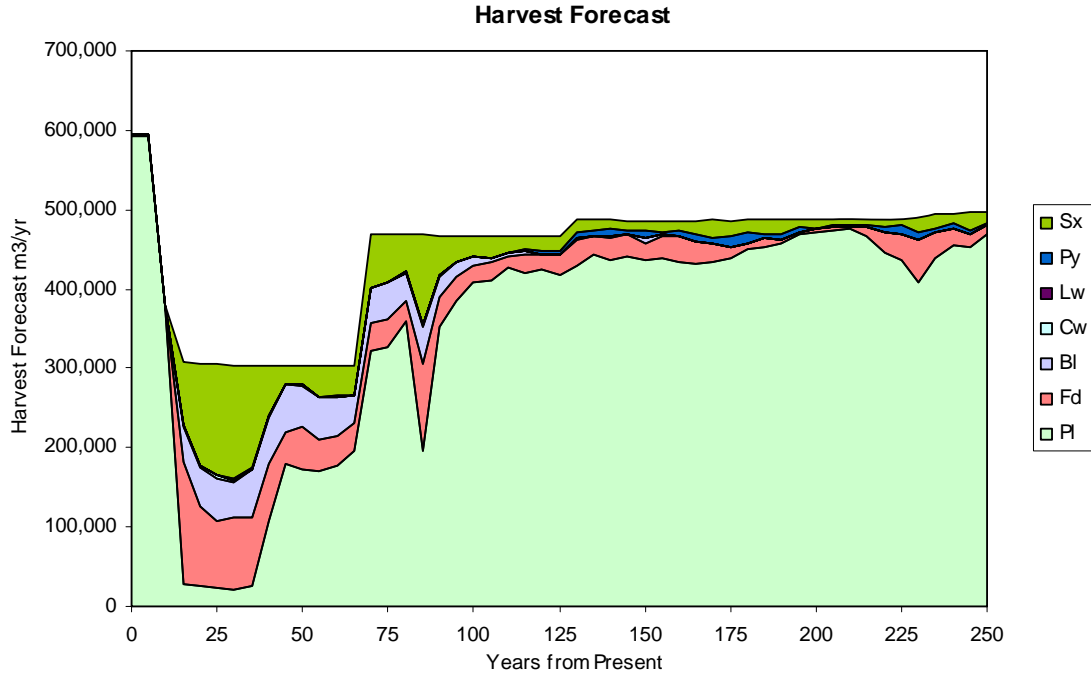


Figure 182. Loss of Marginal Stands 1 projected tree species contribution to harvest

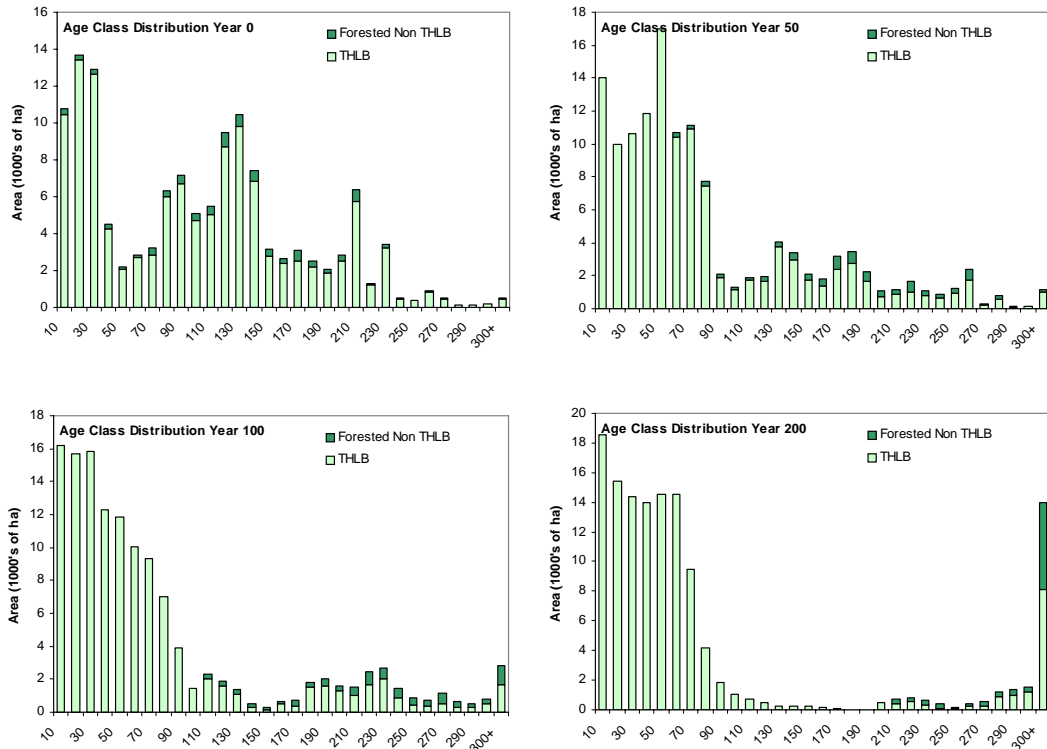


Figure 183. Loss of Marginal Stands 1 projected Age Class Distribution 0,50,100, and 200 years into the future.

Economic Indicators

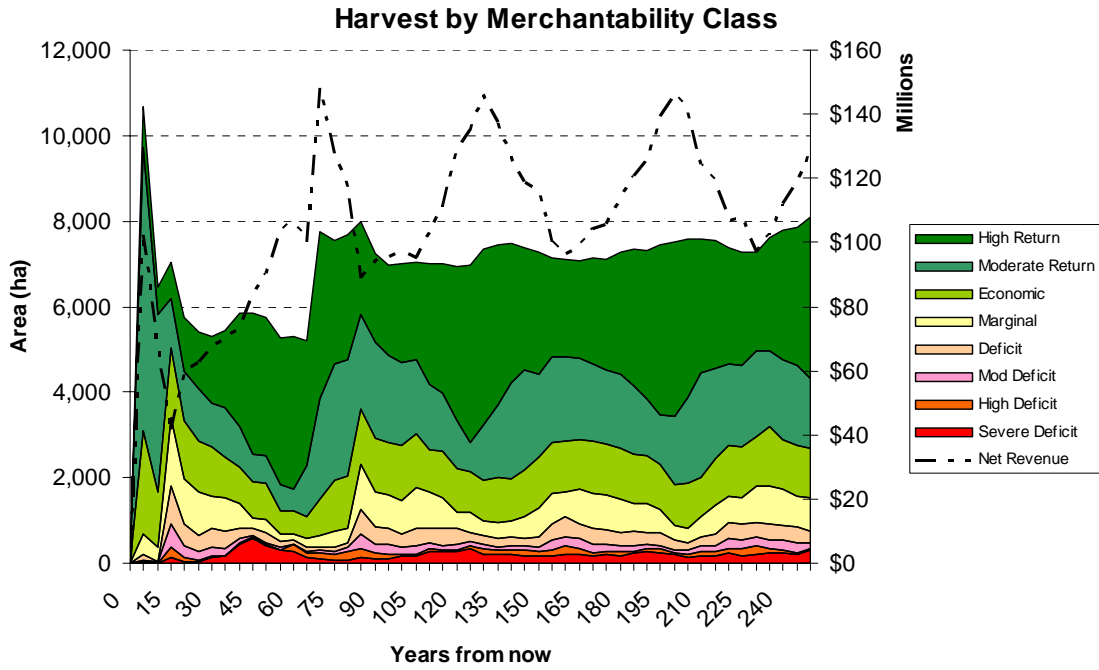


Figure 184. Loss of Marginal Stands 1 projection of Harvest by Merchantability class.

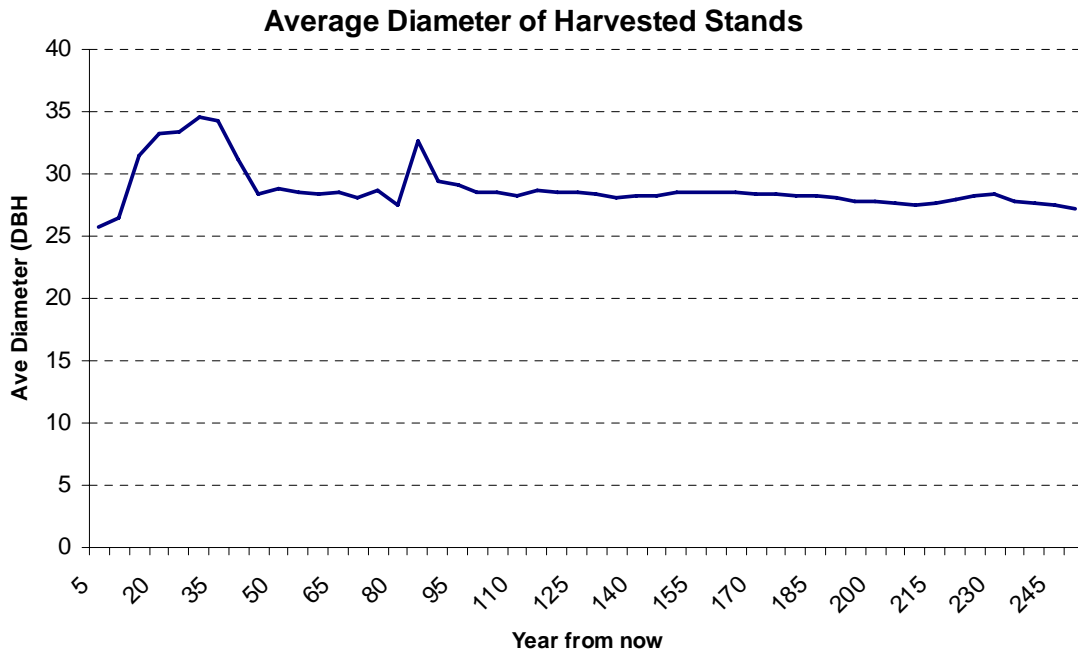


Figure 185. Loss of Marginal Stands 1 projection of average diameter of harvested stands.

Watershed, Ecosystem, and Habitat Indicators

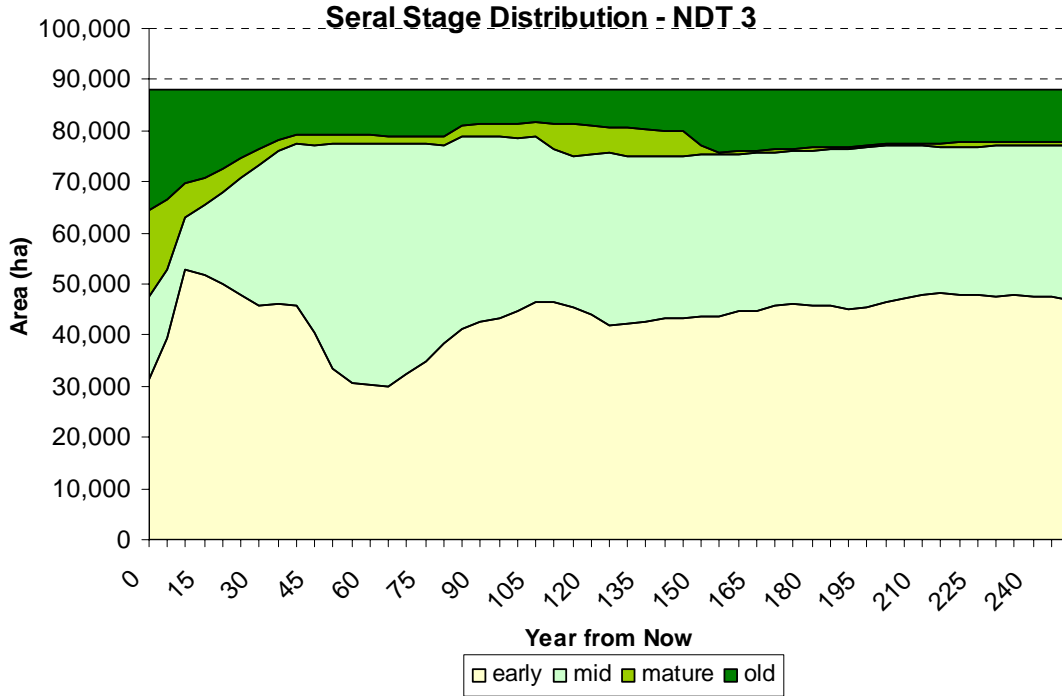


Figure 186. Loss of Marginal Stands 1 Projection of serai stage distribution for NDT 3.

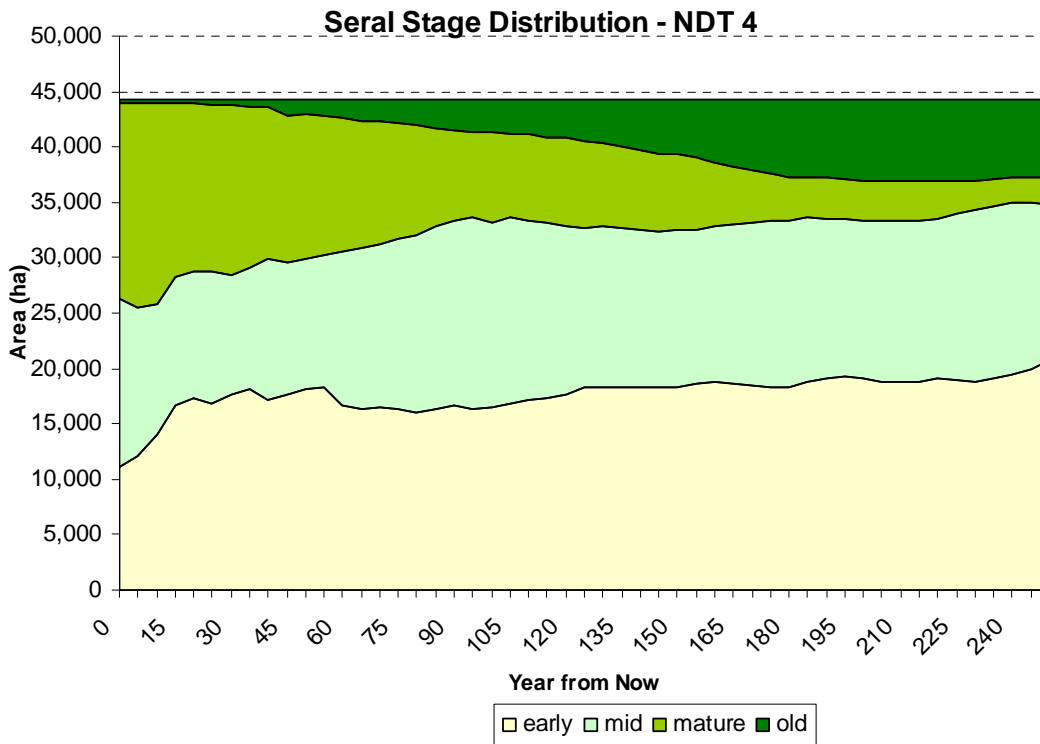


Figure 187. Loss of Marginal Stands 1 Projection of serai stage distribution for NDT 4.

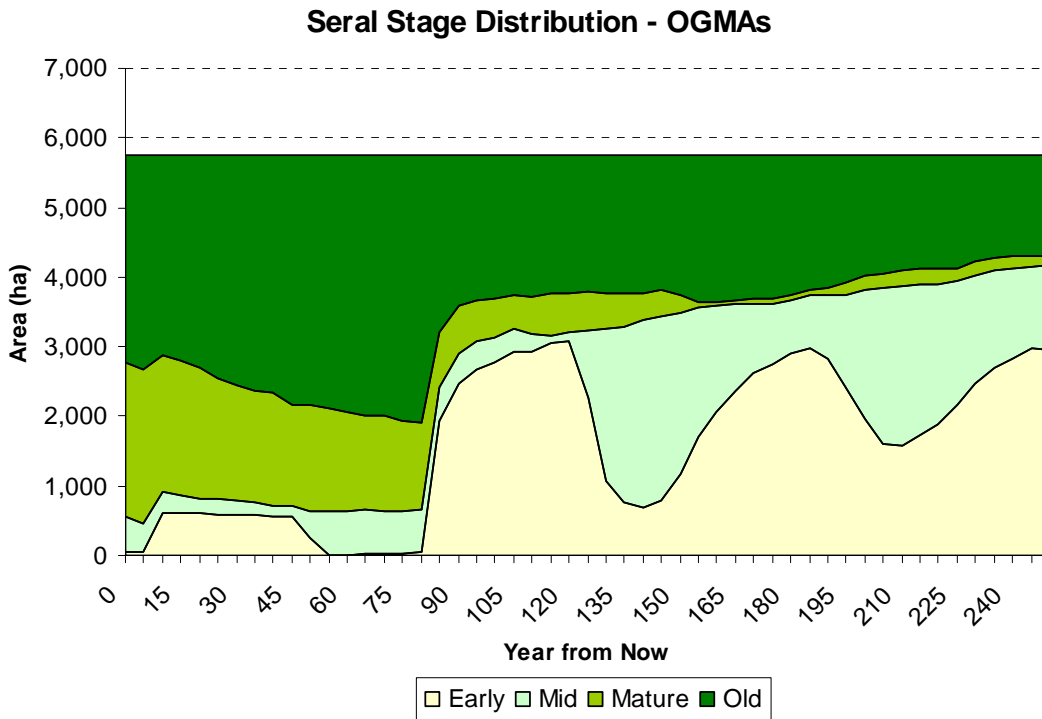


Figure 188. Loss of Marginal Stands 1 - serai stage distribution for spatially explicit OGMAs.

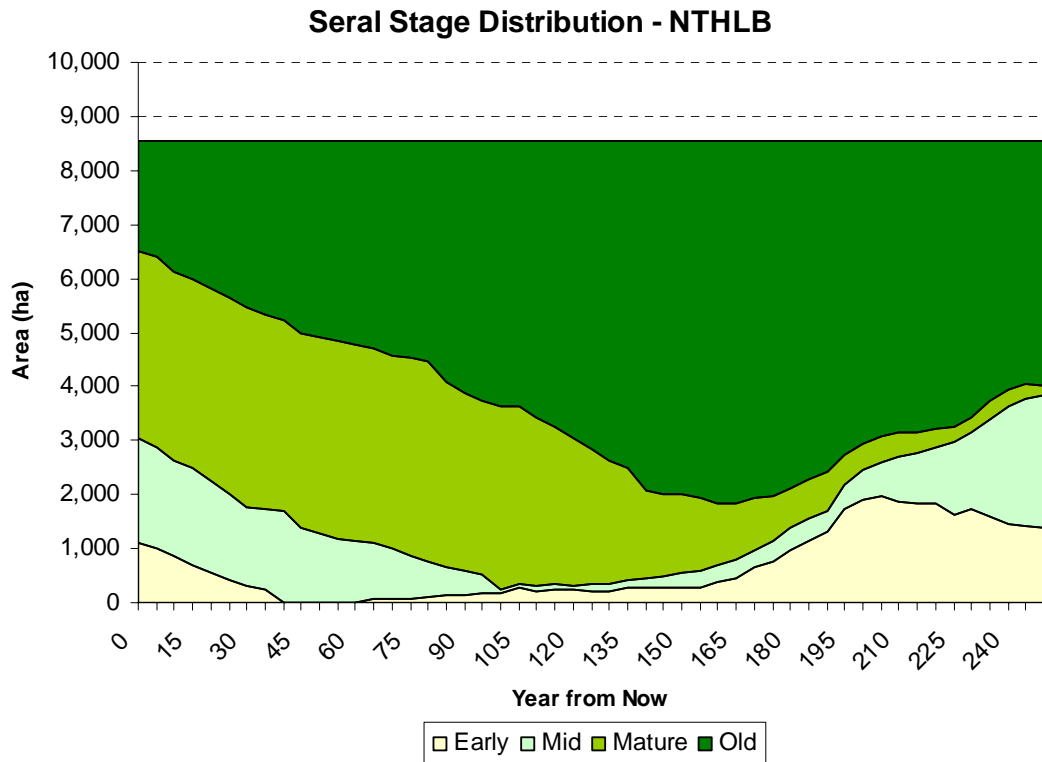


Figure 189. Loss of Marginal Stands 1 Projection of serai stage distribution for the NTHLB.

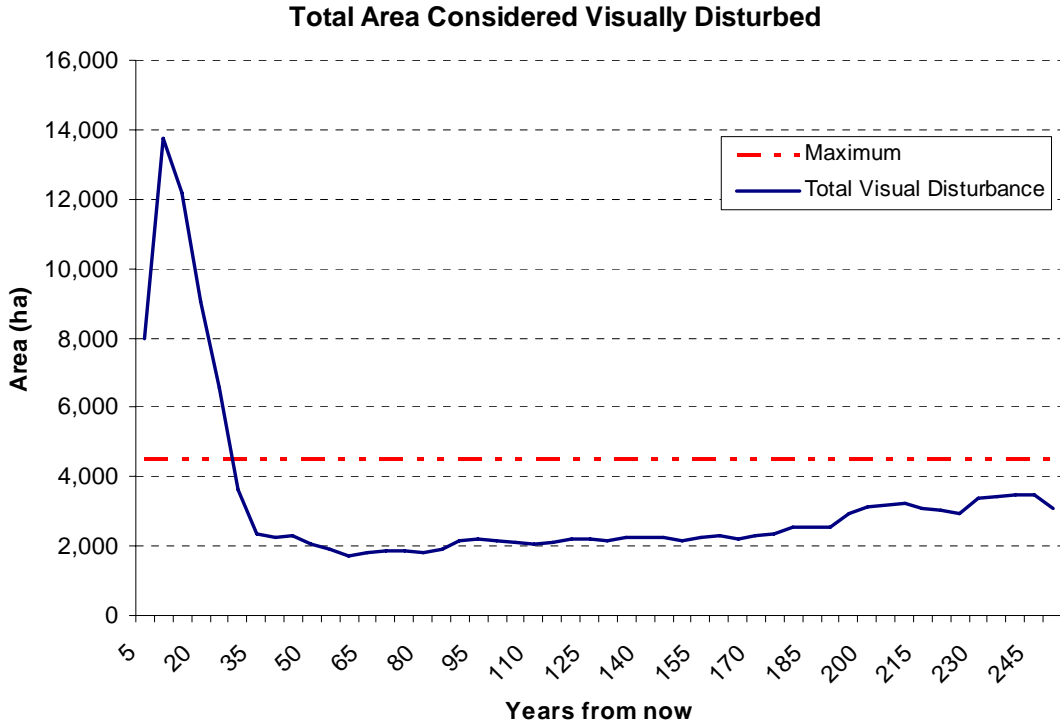


Figure 190. Loss of Marginal Stands 1 projection of total area considered Visually Disturbed.

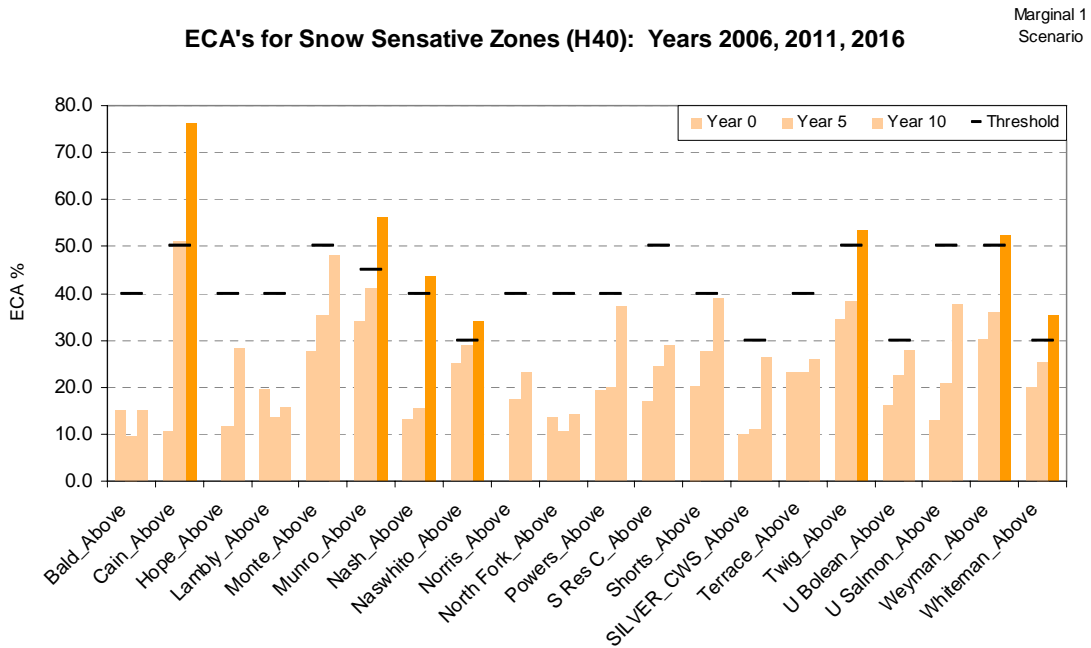


Figure 191. Loss of Marginal Stands 1 ECA's for watershed above H40 (yrs 2006, 2011, 2016).

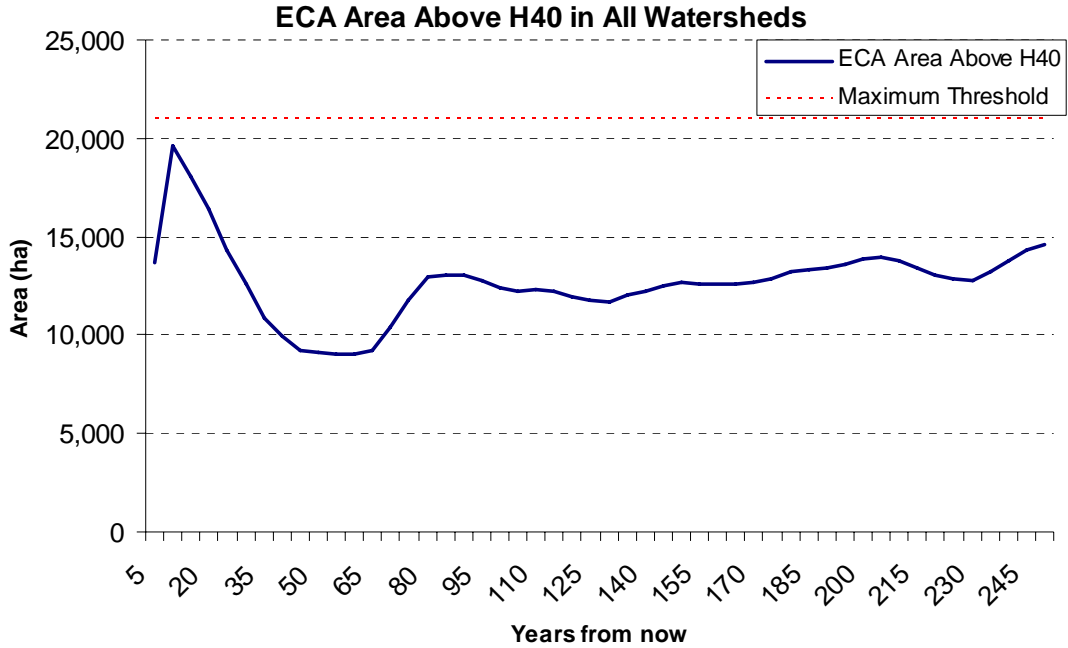


Figure 192. Loss of Marginal Stands 1 Total ECA from all watersheds above H40.

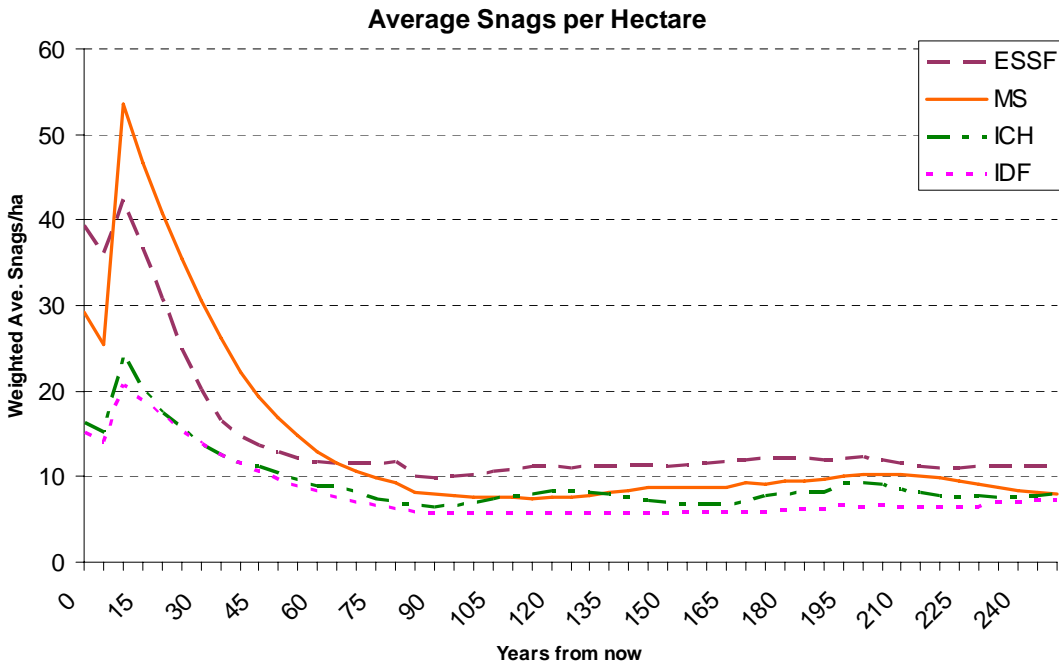


Figure 193. Loss of Marginal Stands 1 projection of Average Snags per Hectare by BEC Zone

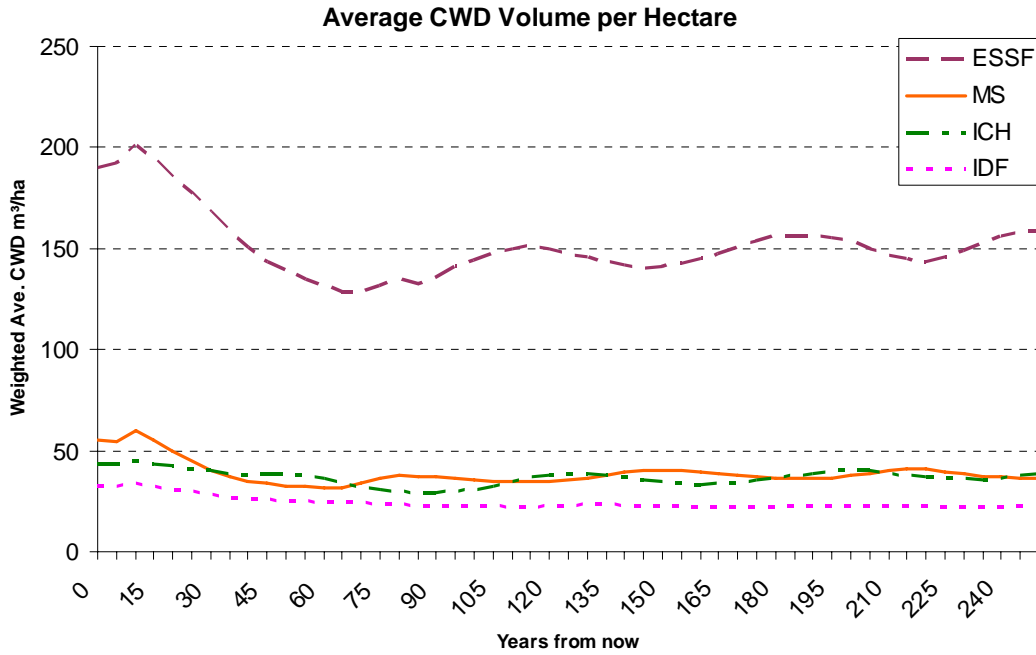


Figure 194. Loss of Marginal Stands 1 projection of average CWD volume per hectare

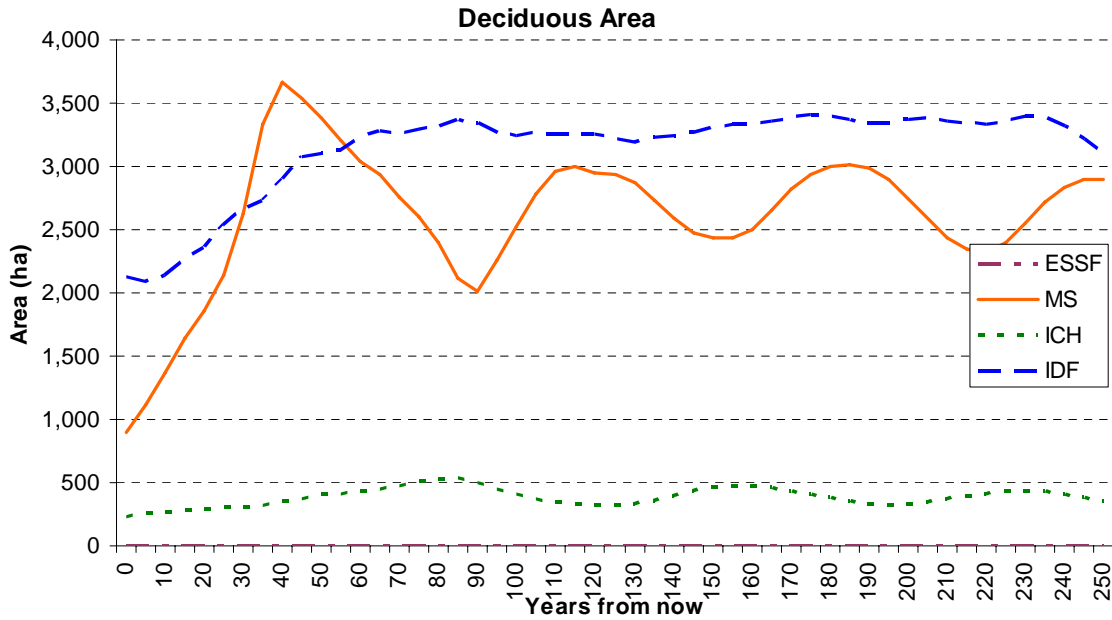


Figure 195. Loss of Marginal Stands 1 projection of Deciduous area.

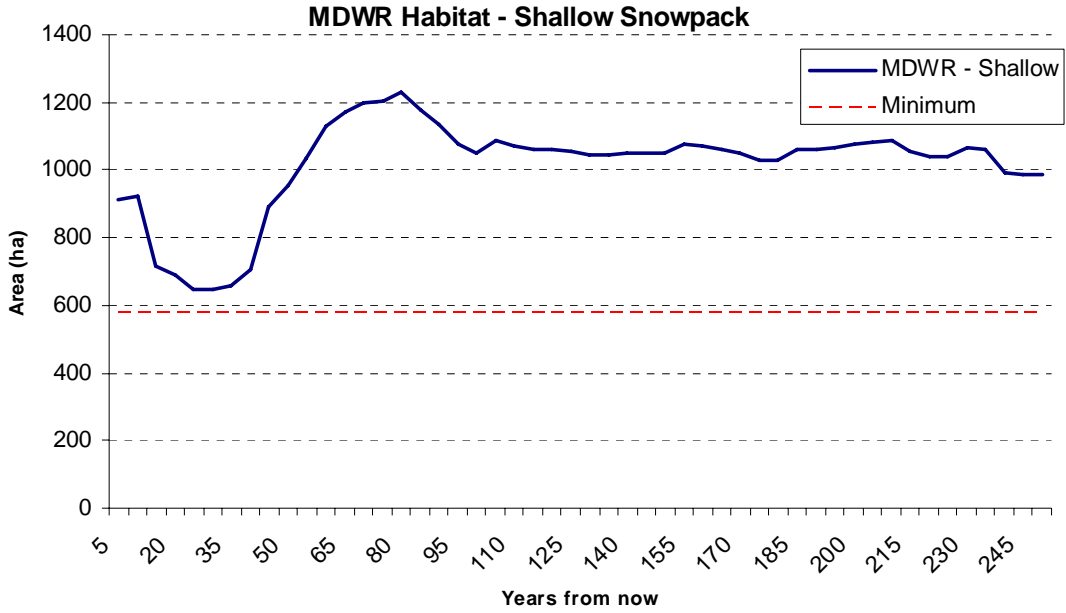


Figure 196. Loss of Marginal Stands 1 projection of MDWR Habitat in the shallow snowpack zone.

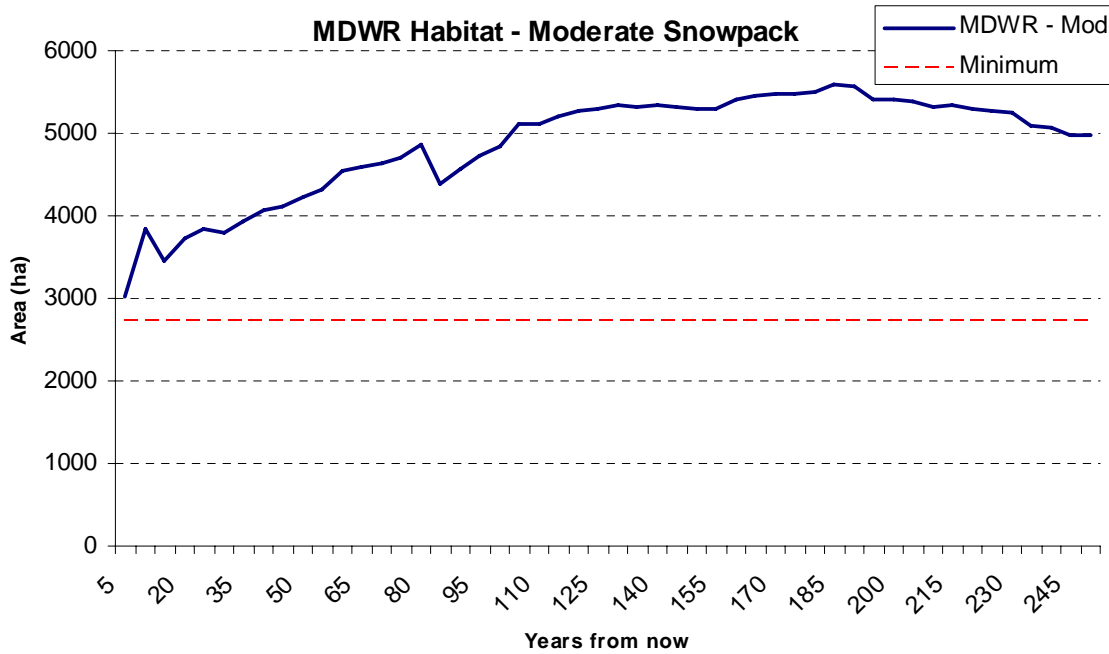


Figure 197. Loss of Marginal Stands 1 projection of Moderate Snowpack MDWR Habitat.

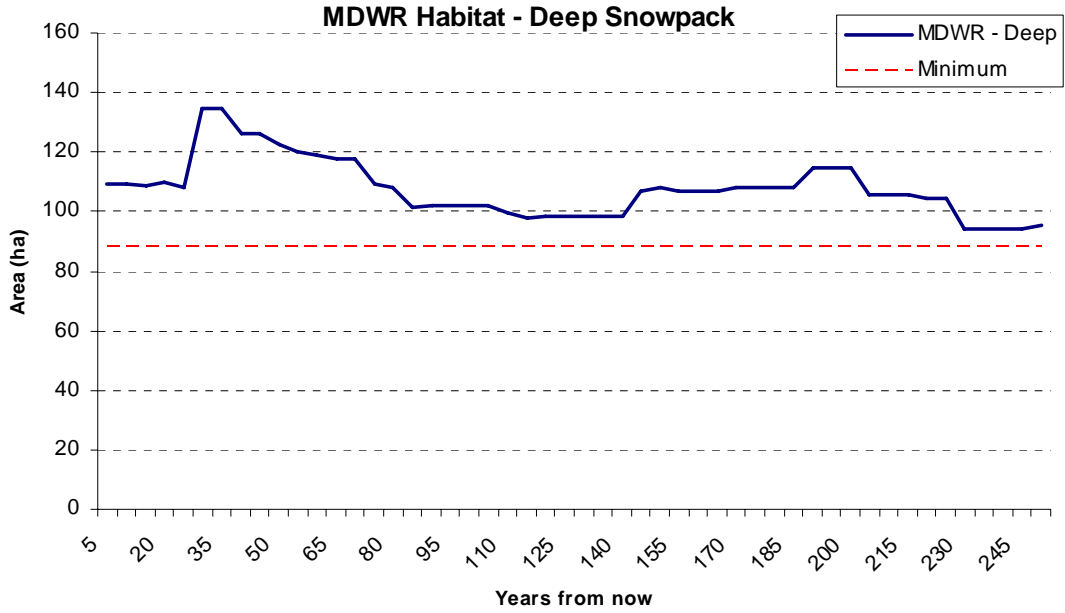


Figure 198. Loss of Marginal Stands 1 projection of MDWR Habitat in the deep snowpack zone.

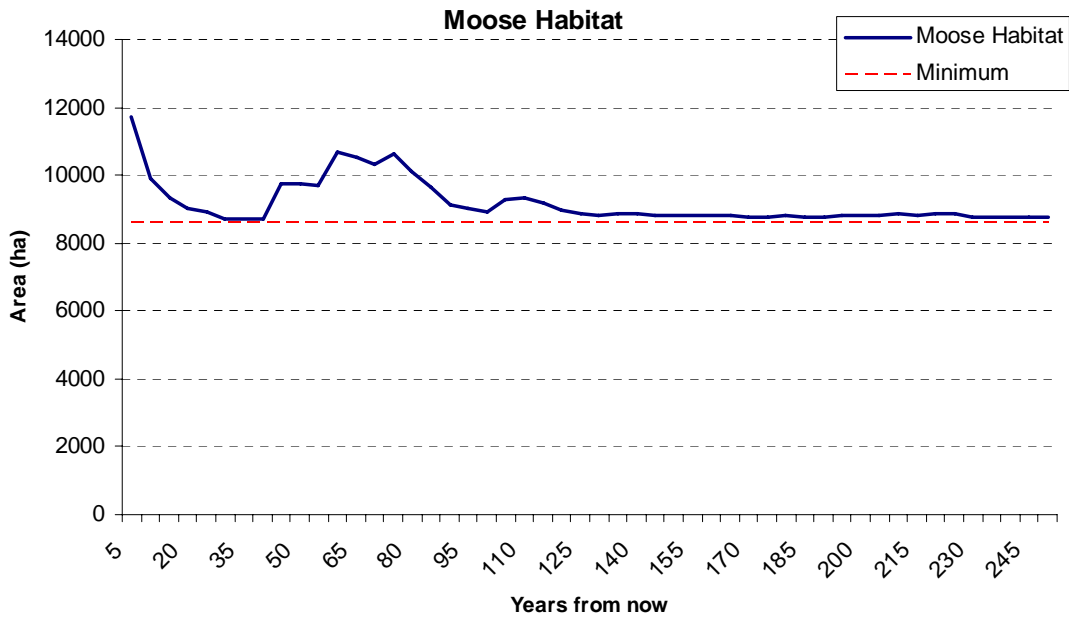


Figure 199. Loss of Marginal Stands 1 projection of moose habitat.

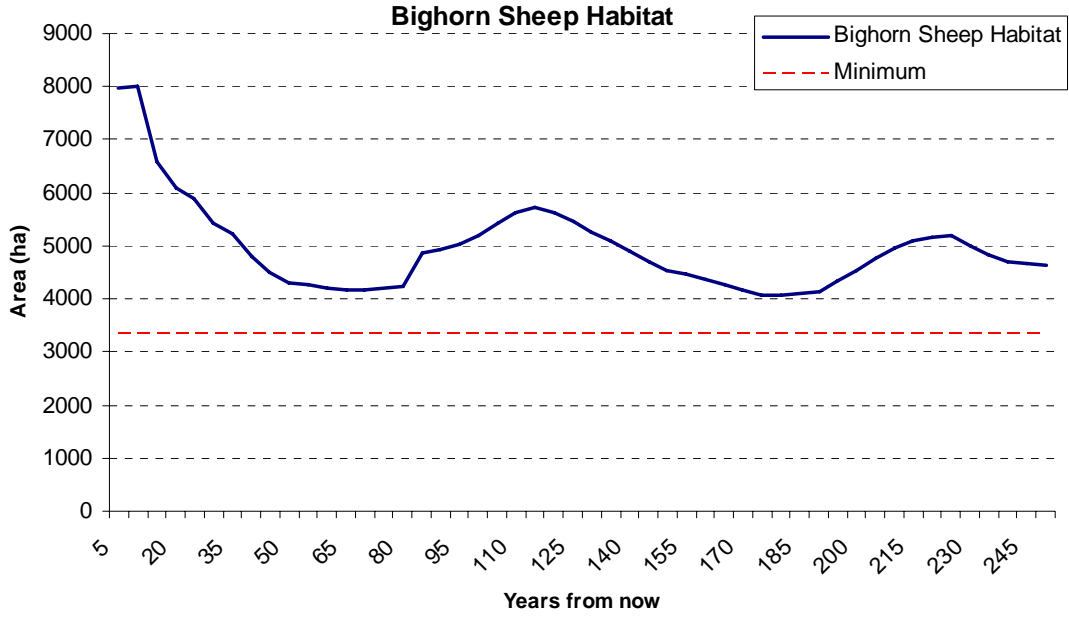


Figure 200. Loss of Marginal Stands 1 projection of Bighorn Sheep Habitat.

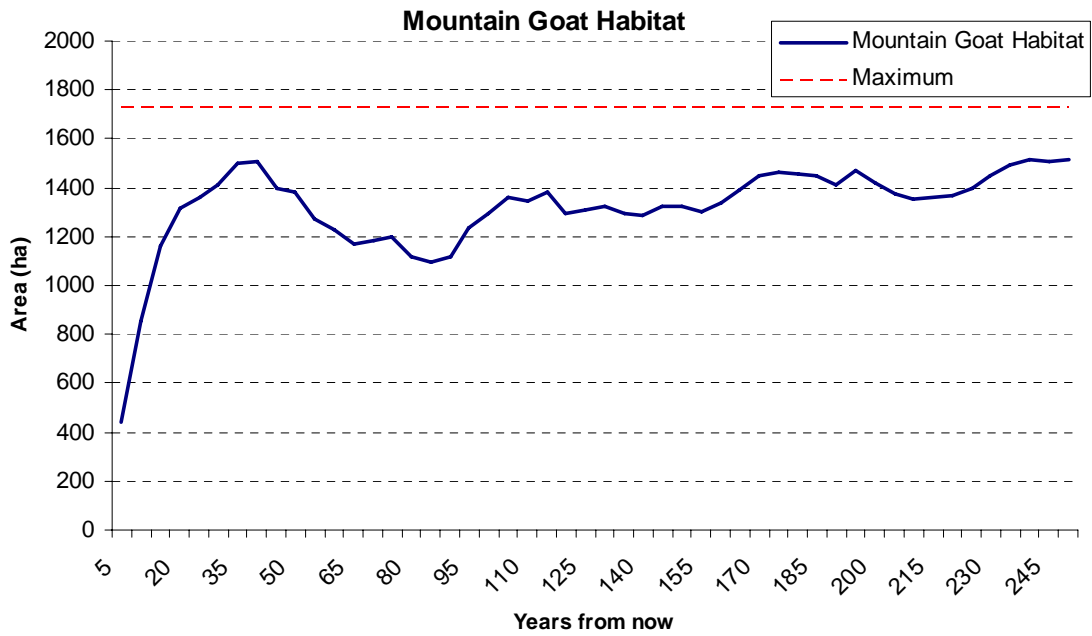


Figure 201. Loss of Marginal Stands 1 projection of Mountain Goat Habitat (area <33yrs old).

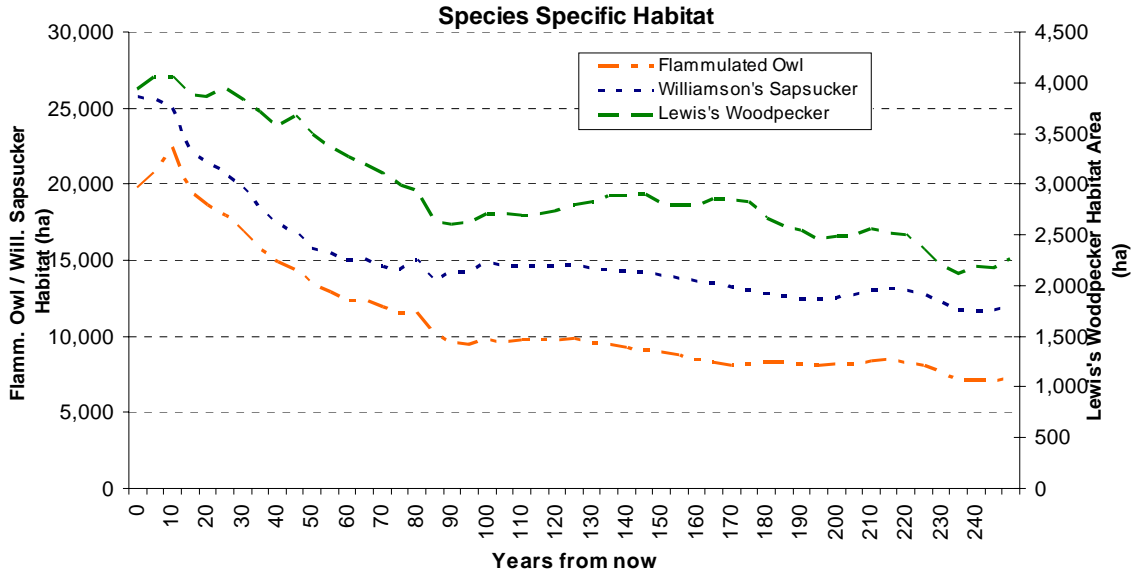


Figure 202. Loss of Marginal Stands 1 projection of Species Specific Habitat for the Flammulated Owl, Williamson's Sapsucker, and Lewis's Woodpecker.

Loss of Marginal Stands 2

Timber Supply Indicators

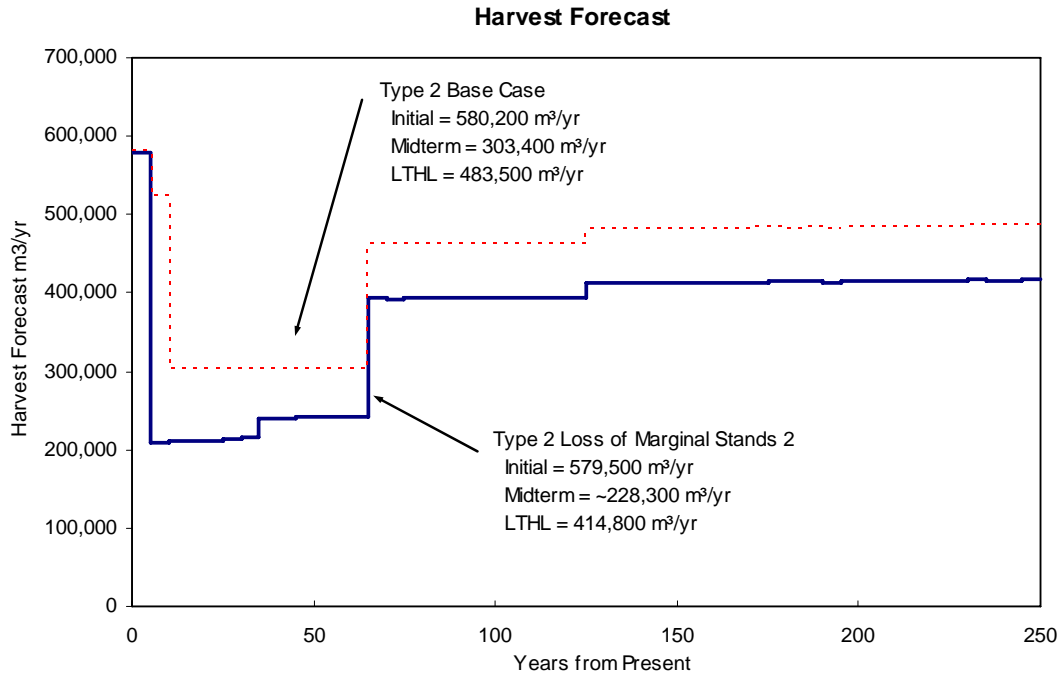


Figure 203. Loss of Marginal Stands 2 harvest flow projection compared to Type 2 Revised Base Case.

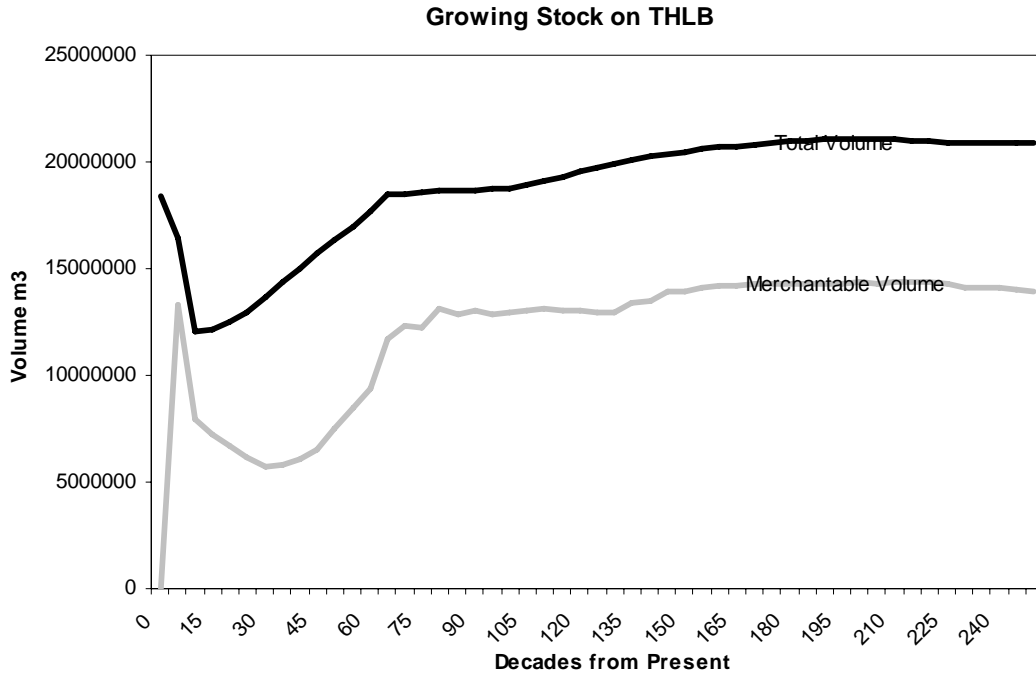


Figure 204. Loss of Marginal Stands 2 merchantable and total growing stock (THLB).

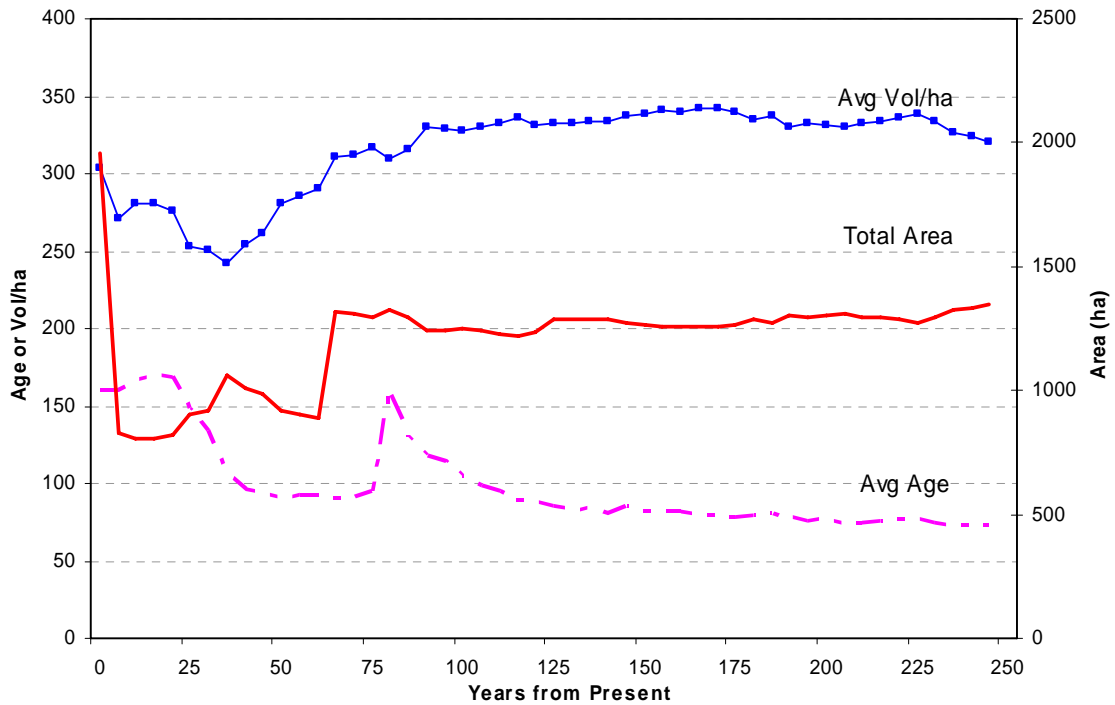


Figure 205. Loss of Marginal Stands 2 average harvest age / volume / areas.

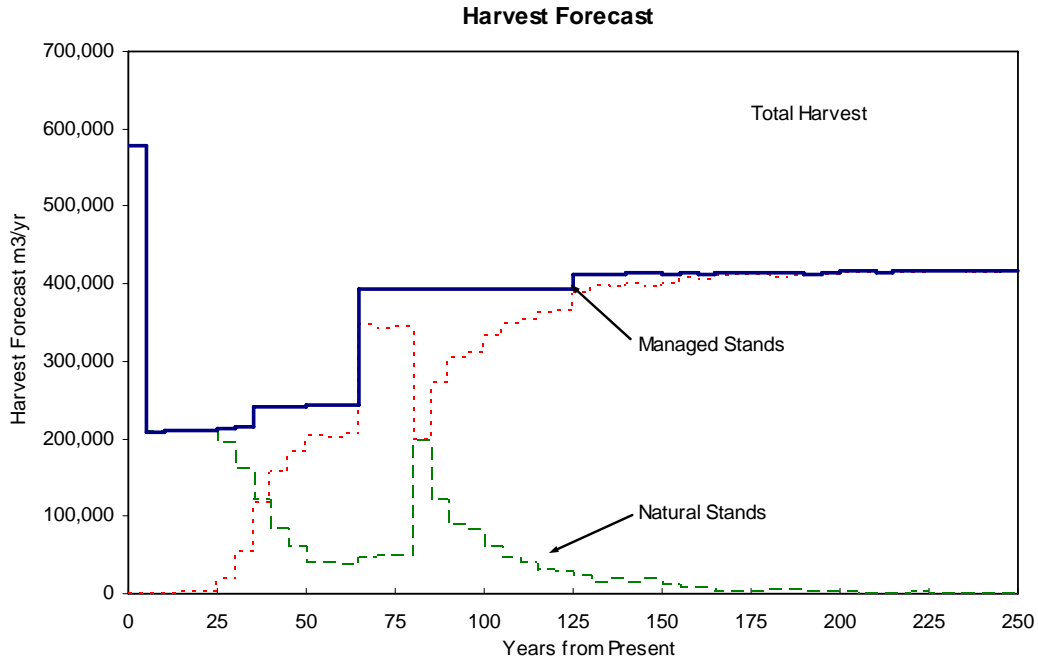


Figure 206. Loss of Marginal Stands 2 transition of natural stands to managed stands.

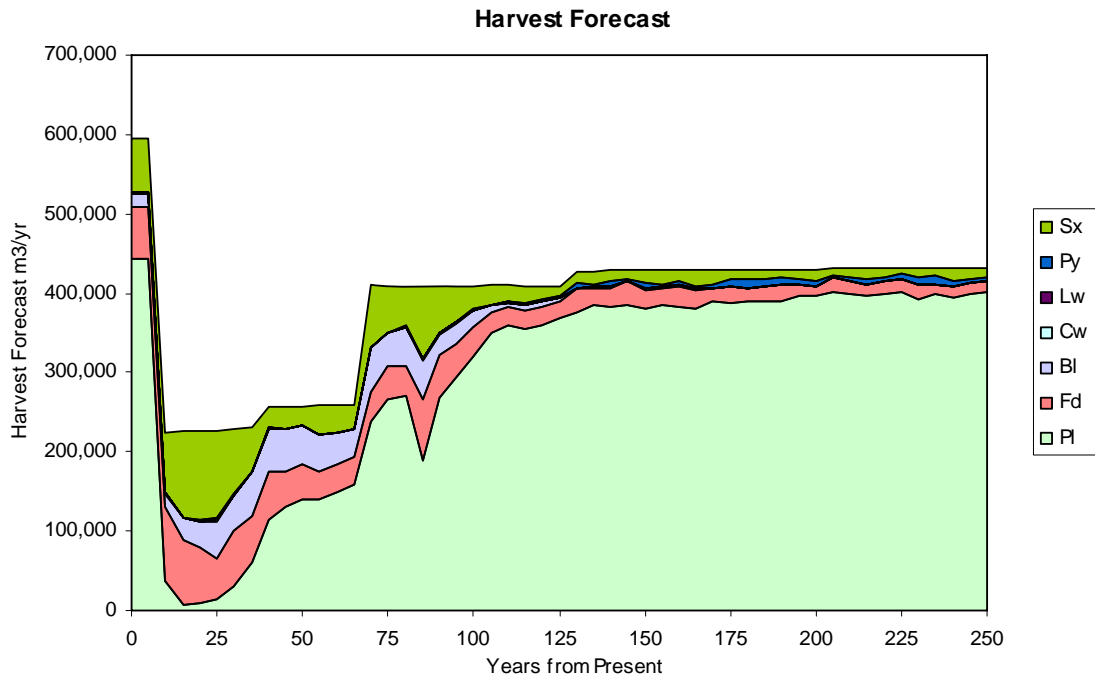


Figure 207. Loss of Marginal Stands 2 projected tree species contribution to harvest

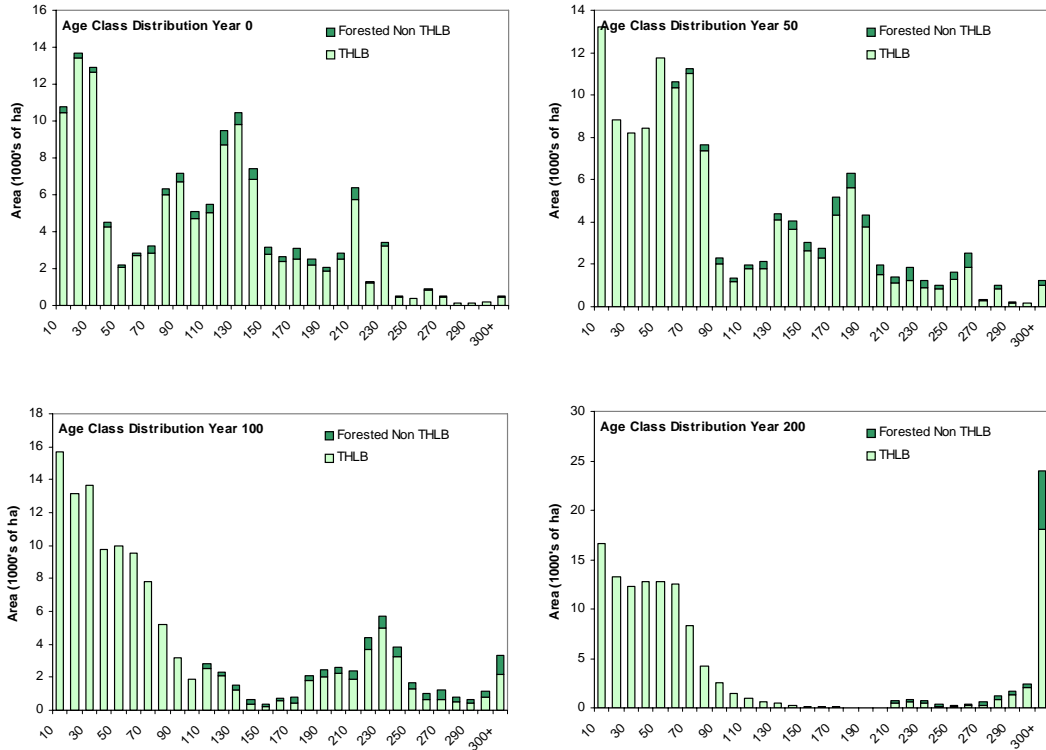


Figure 208. Loss of Marginal Stands 2 projected Age Class Distribution 0,50,100, and 200 years into the future.

Economic Indicators

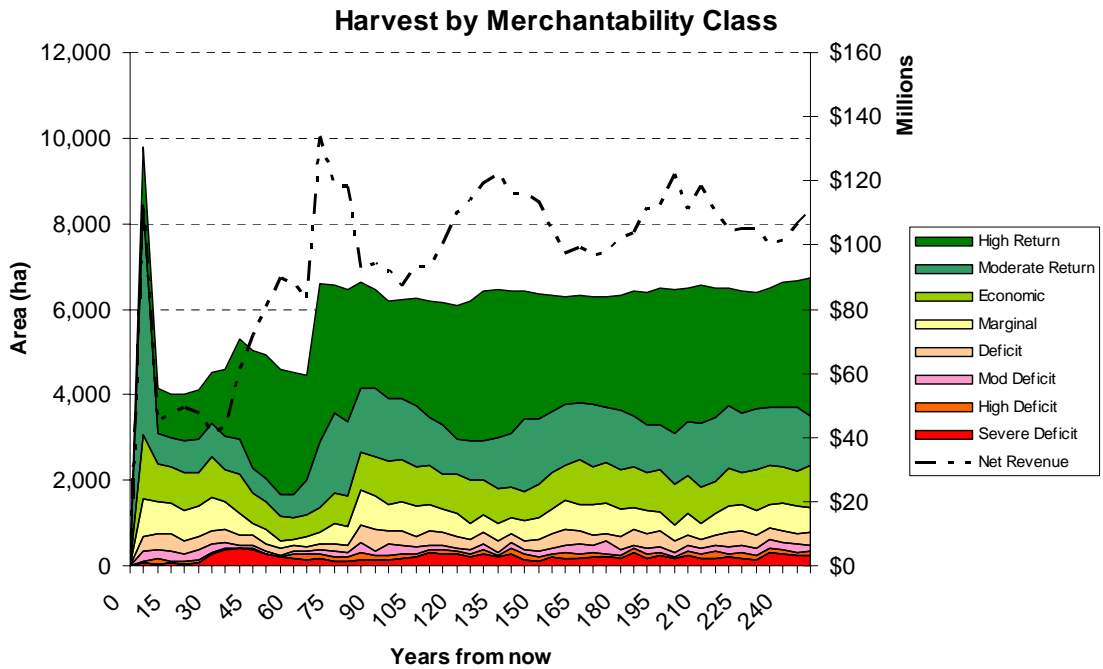


Figure 209. Loss of Marginal Stands 2 projection of Harvest by Merchantability class.

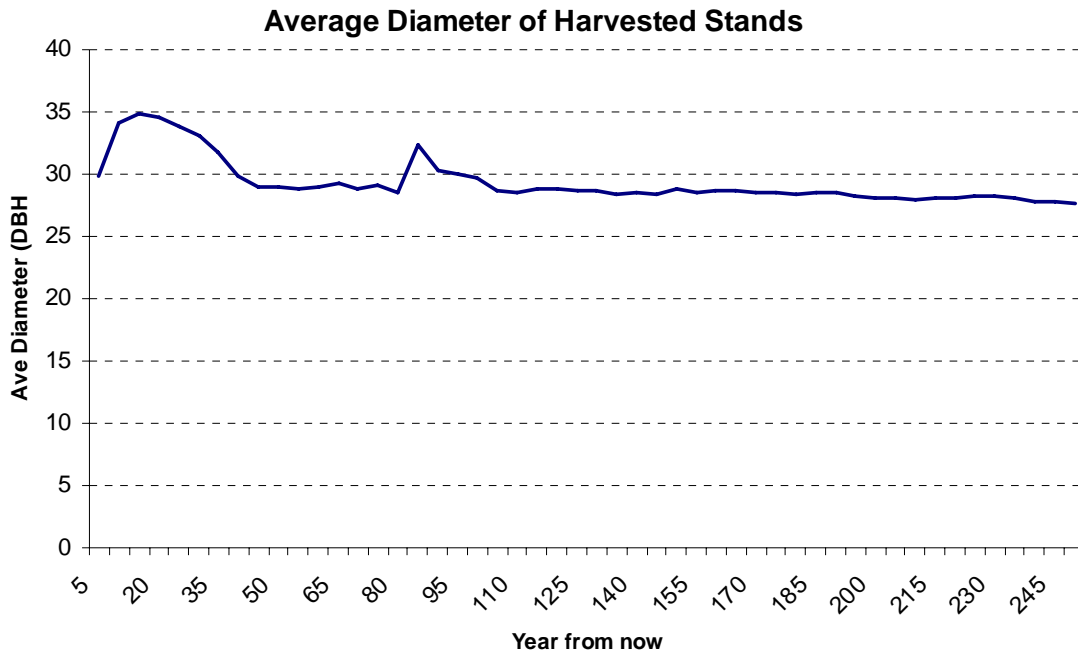


Figure 210. Loss of Marginal Stands 2 projection of average diameter of harvested stands.

Watershed, Ecosystem, and Habitat Indicators

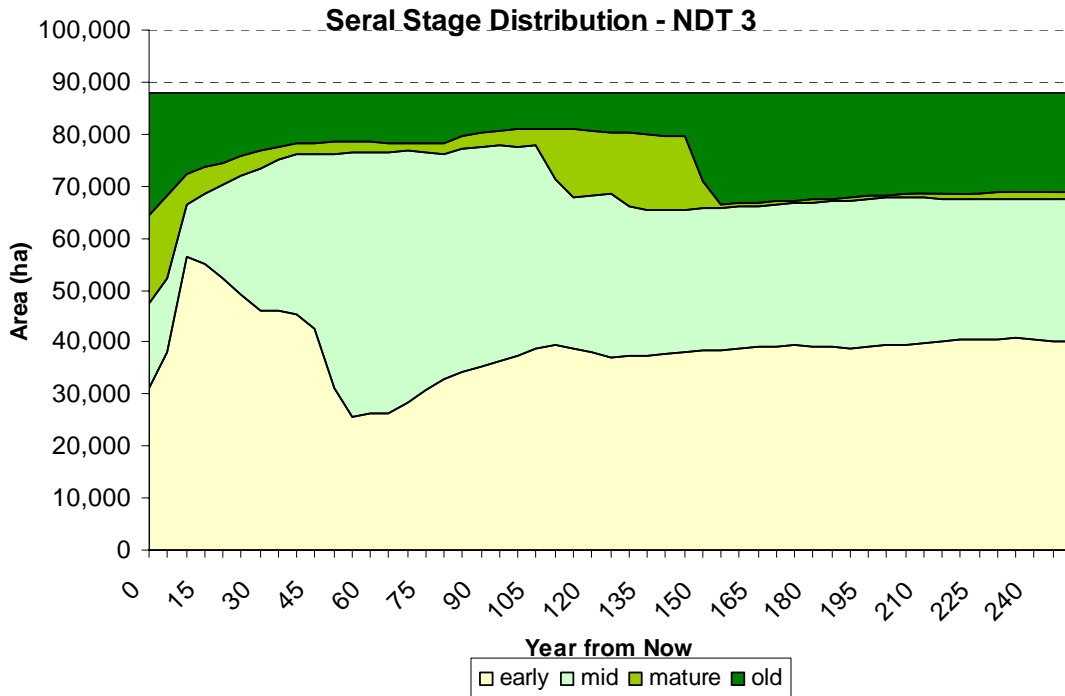


Figure 211. Loss of Marginal Stands 2 Projection of seral stage distribution for NDT 3.

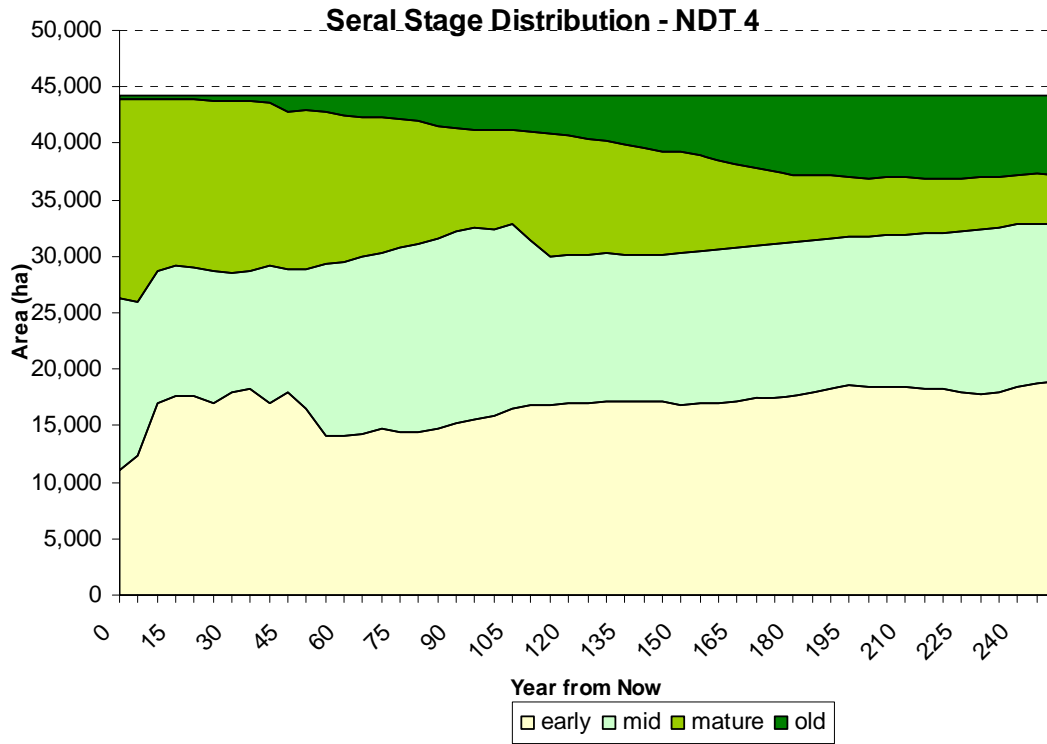


Figure 212. Loss of Marginal Stands 2 Projection of serai stage distribution for NDT 4.

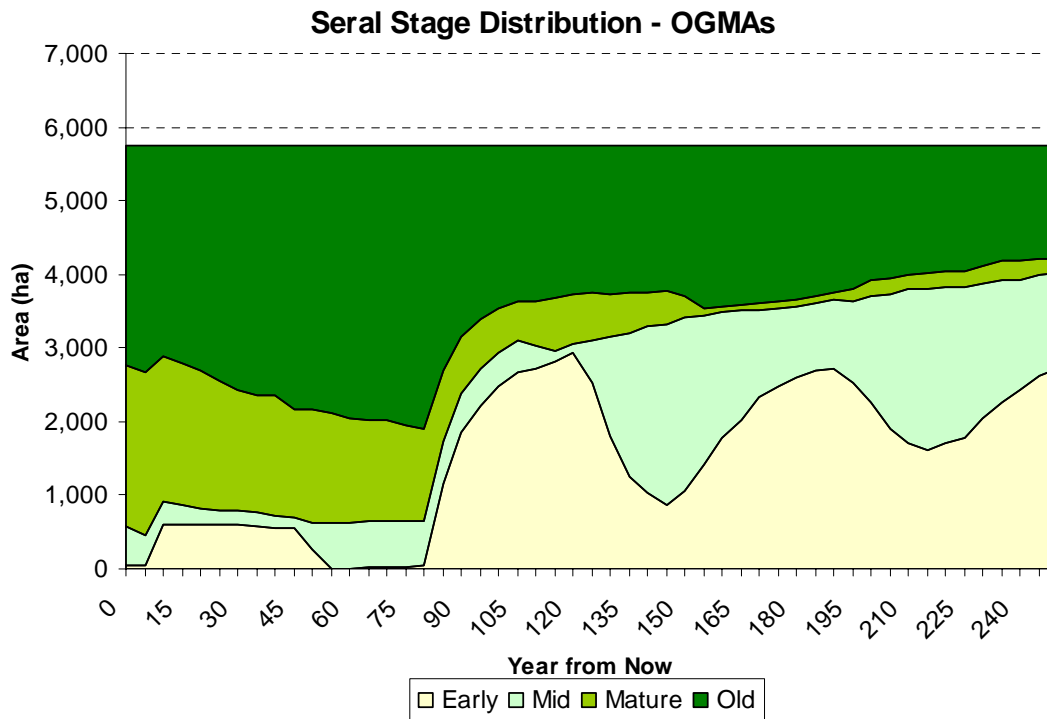


Figure 213. Loss of Marginal Stands 2 - serai stage distribution for spatially explicit OGMAs.

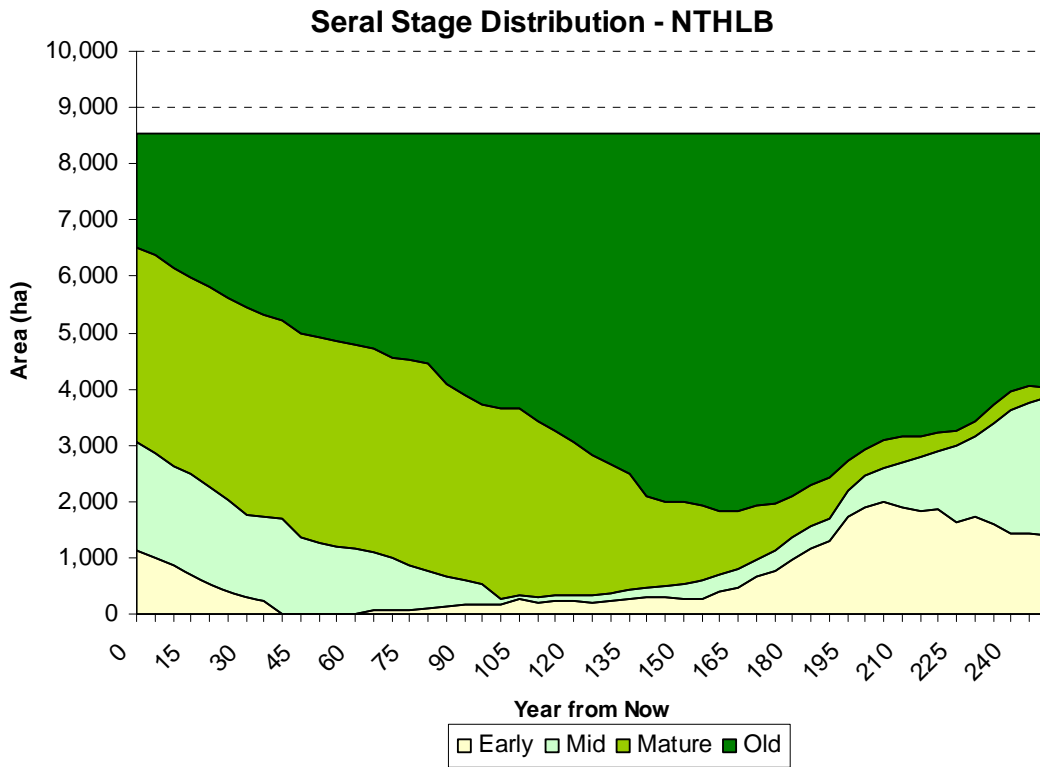


Figure 214. Loss of Marginal Stands 2 Projection of seral stage distribution for the NTHLB.

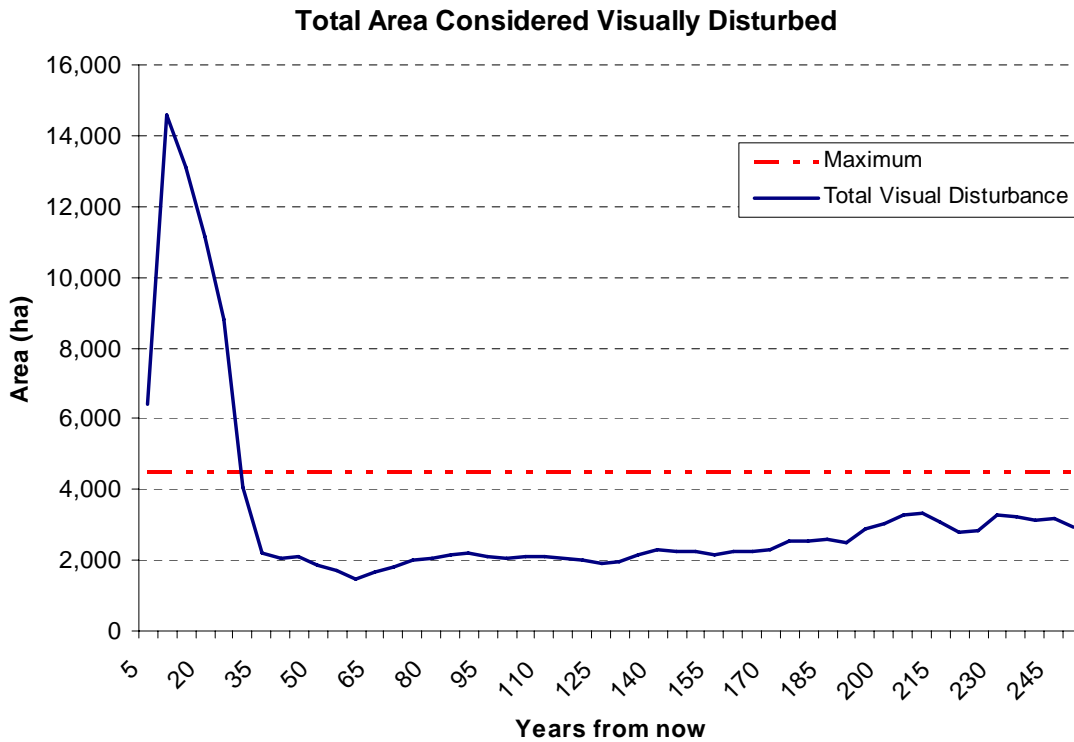


Figure 215. Loss of Marginal Stands 2 projection of total area considered Visually Disturbed.

Marginal 2
Scenario

ECA's for Snow Sensitive Zones (H40): Years 2006, 2011, 2016

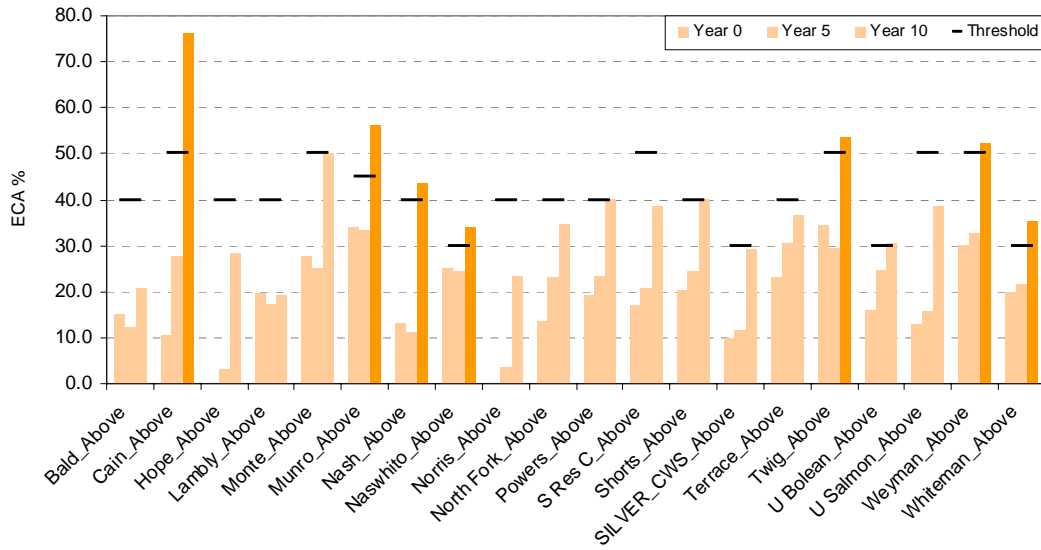


Figure 216. Loss of Marginal Stands 2 ECA's for watershed above H40 (yrs 2006, 2011, 2016).

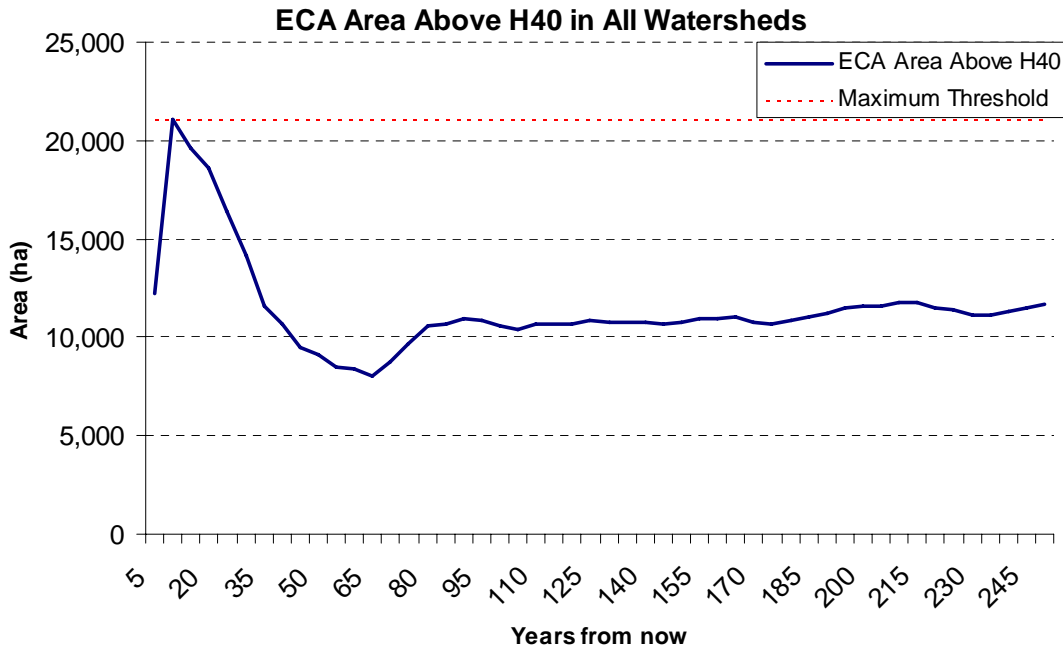


Figure 217. Loss of Marginal Stands 2 Total ECA from all watersheds above H40.

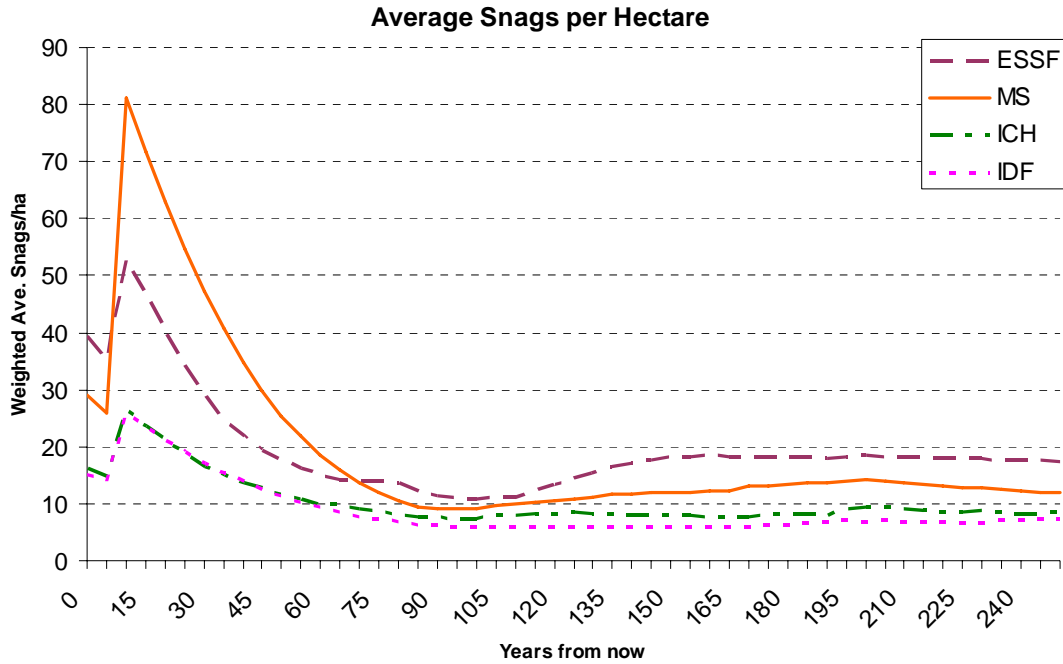


Figure 218. Loss of Marginal Stands 2 projection of Average Snags per Hectare by BEC Zone

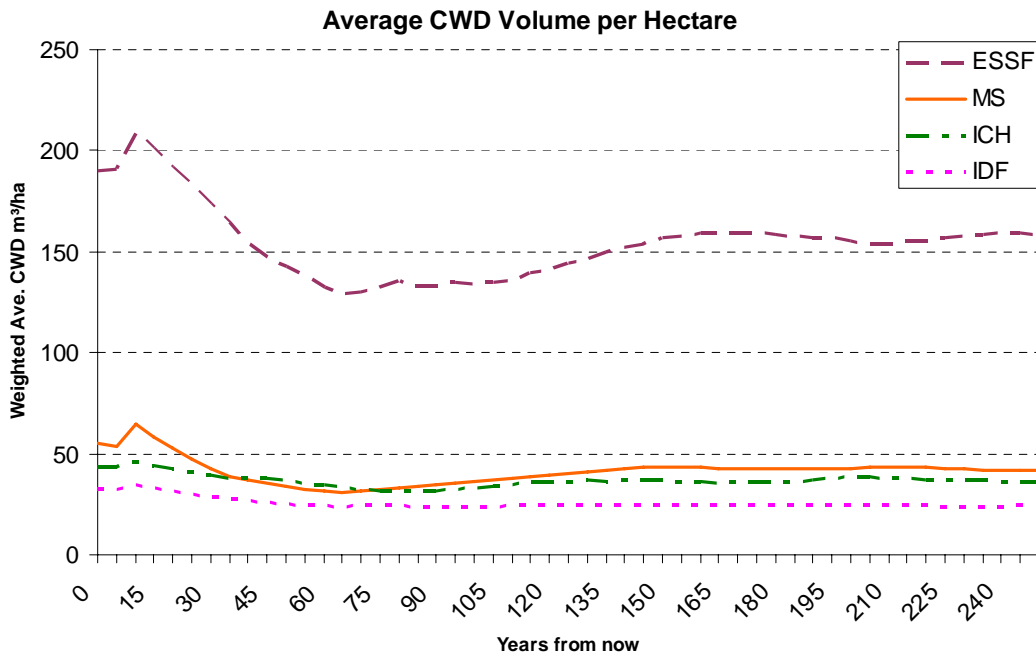


Figure 219. Loss of Marginal Stands 2 projection of average CWD volume per hectare

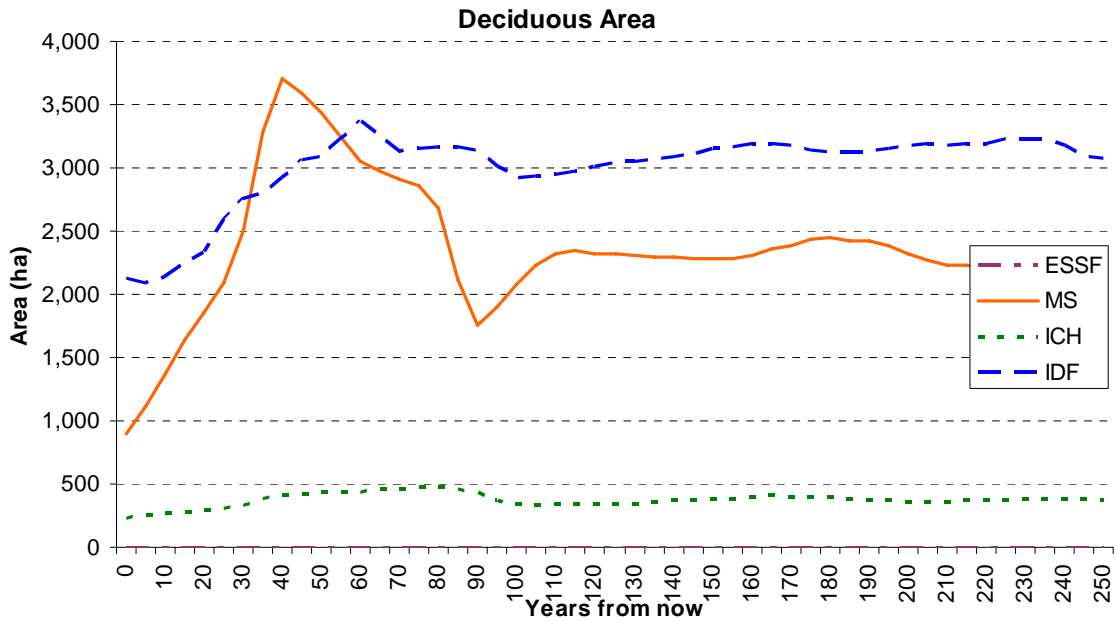


Figure 220. Loss of Marginal Stands 2 projection of Deciduous area.

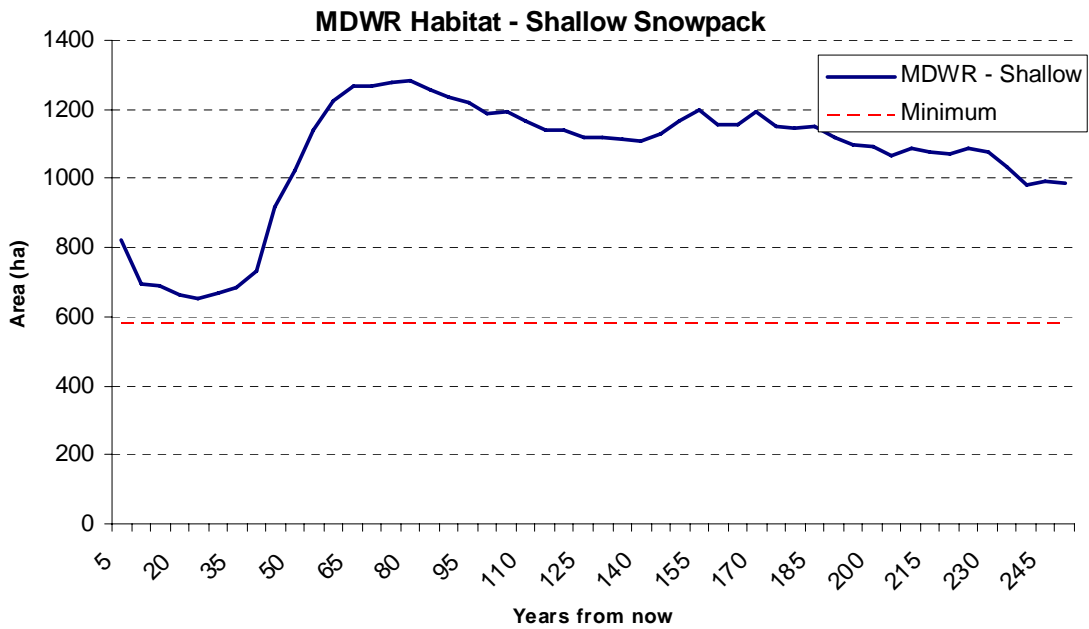


Figure 221. Loss of Marginal Stands 2 projection of MDWR Habitat in the shallow snowpack zone.

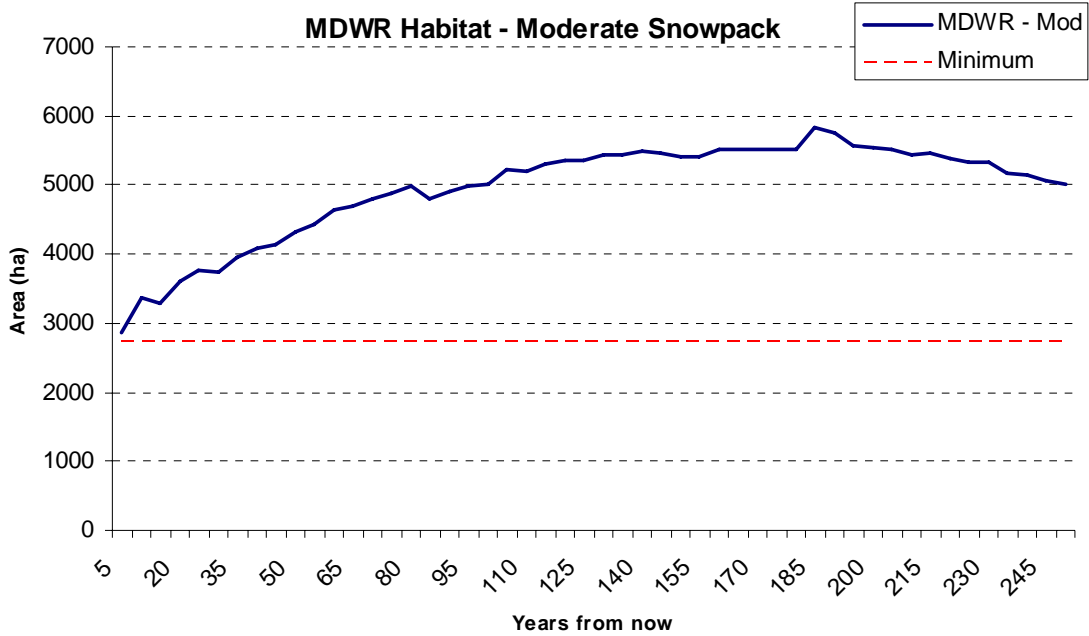


Figure 222. Loss of Marginal Stands 2 projection of Moderate Snowpack MDWR Habitat.

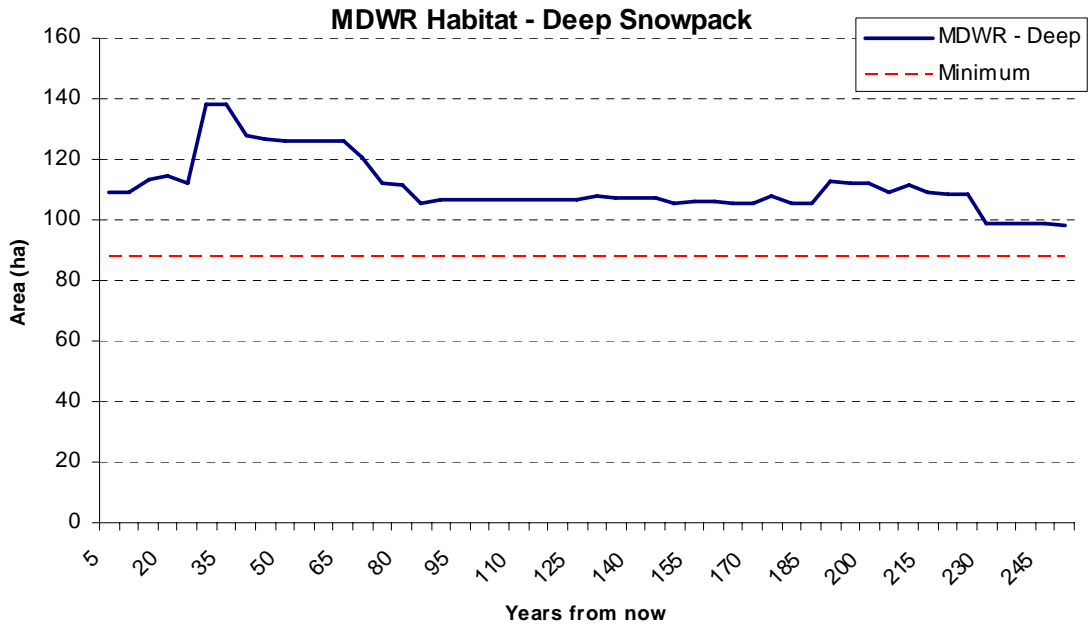


Figure 223. Loss of Marginal Stands 2 projection of MDWR Habitat in the deep snowpack zone.

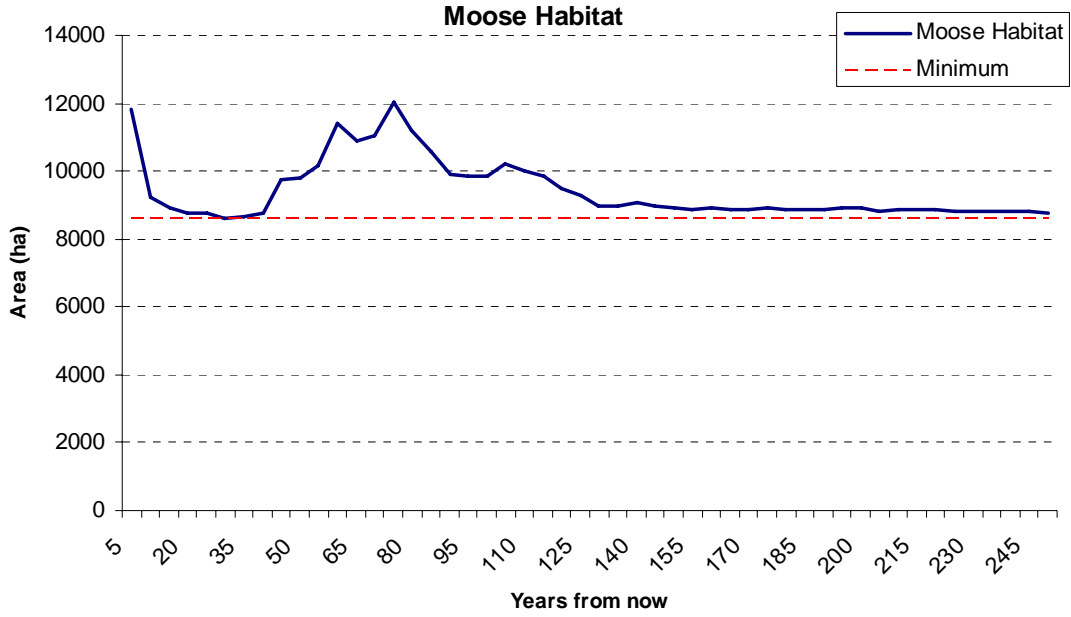


Figure 224. Loss of Marginal Stands 2 projection of moose habitat.

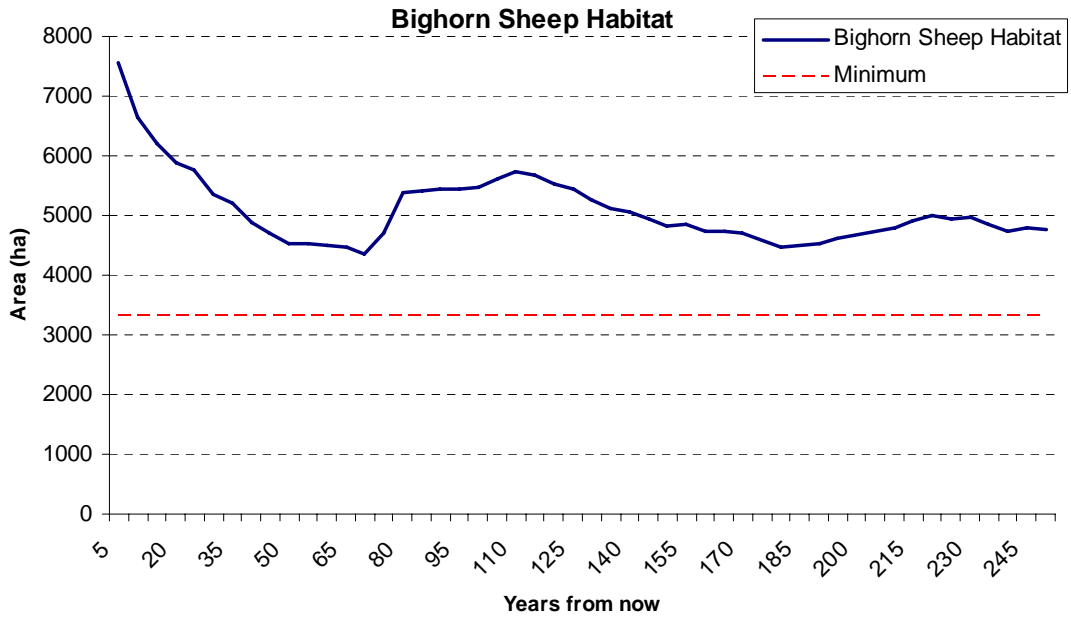


Figure 225. Loss of Marginal Stands 2 projection of Bighorn Sheep Habitat.

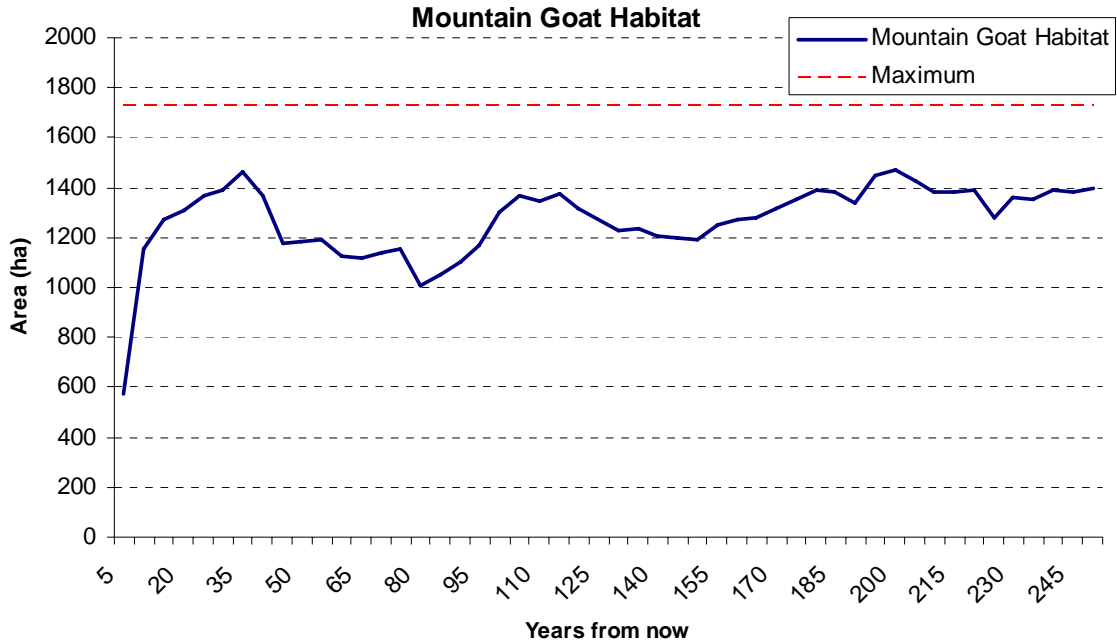


Figure 226. Loss of Marginal Stands 2 projection of Mountain Goat Habitat (area <33yrs old).

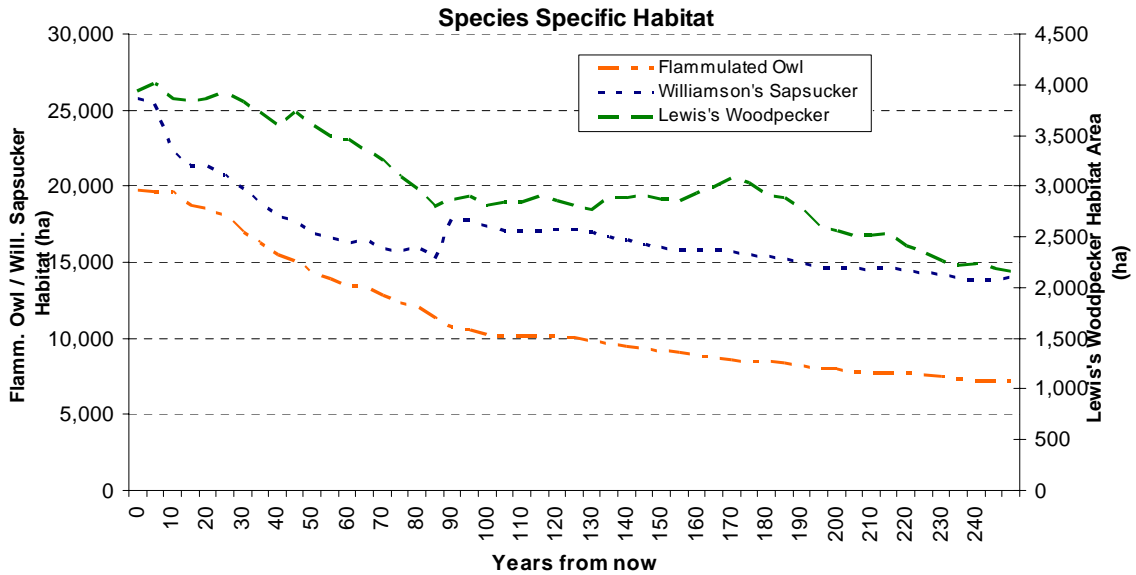


Figure 227. Loss of Marginal Stands 2 projection of Species Specific Habitat for the Flammulated Owl, Williamson's Sapsucker, and Lewis's Woodpecker.

Rehab of Impacted Unsalvaged Stands

Timber Supply Indicators

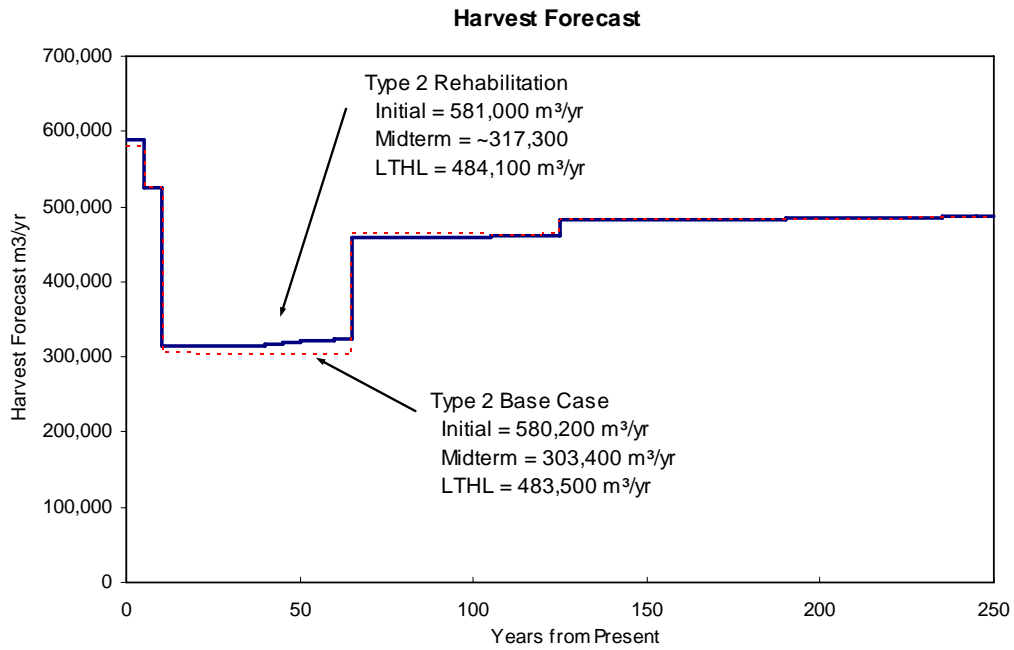


Figure 228. Rehab of Impacted Unsalvaged Stands harvest flow projection compared to Type 2 Revised Base Case.

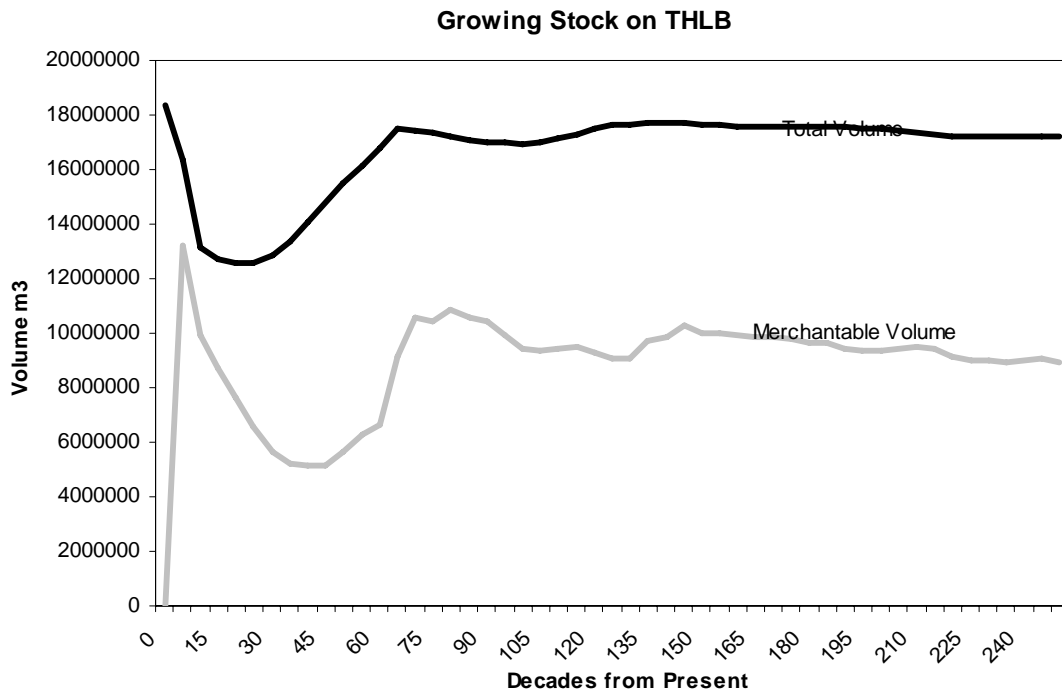


Figure 229. Rehab of Impacted Unsalvaged Stands merchantable and total growing stock (THLB).

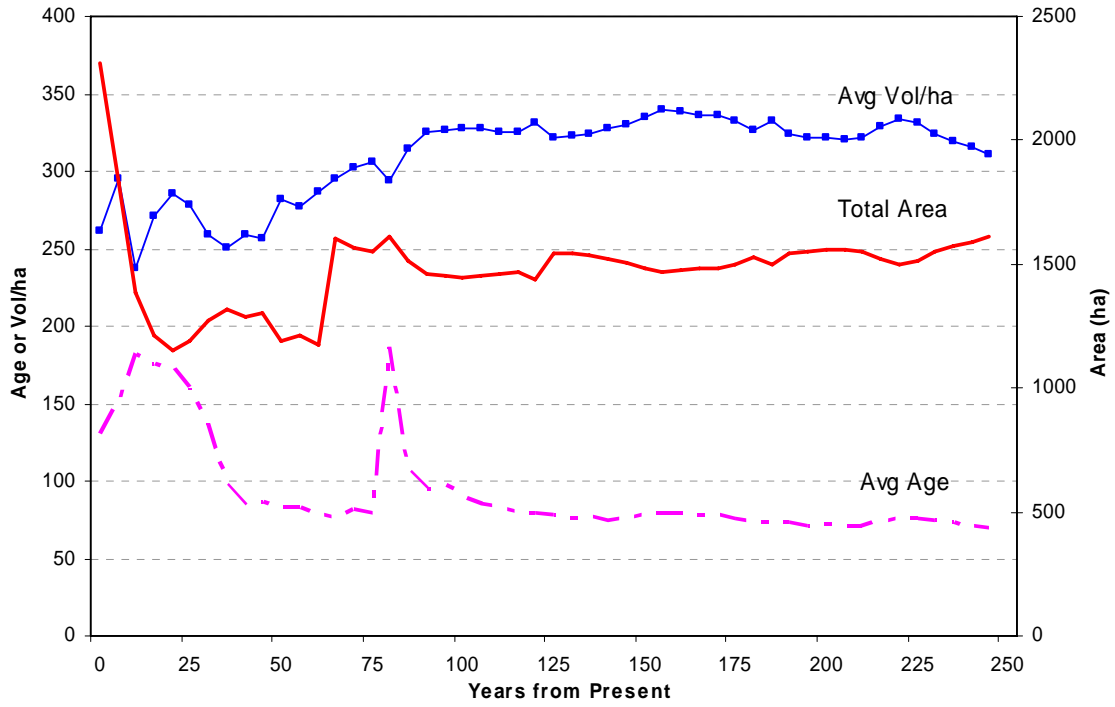


Figure 230. Rehab of Impacted Unsalvaged Stands average harvest age / volume / areas.

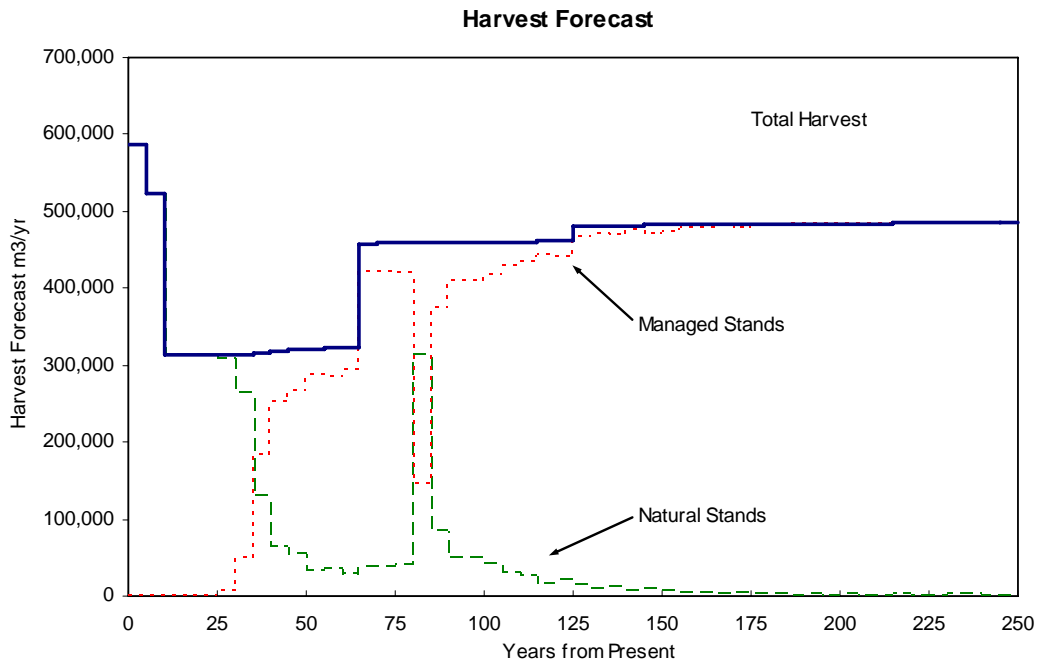


Figure 231. Rehab of Impacted Unsalvaged Stands transition of natural stands to managed stands.

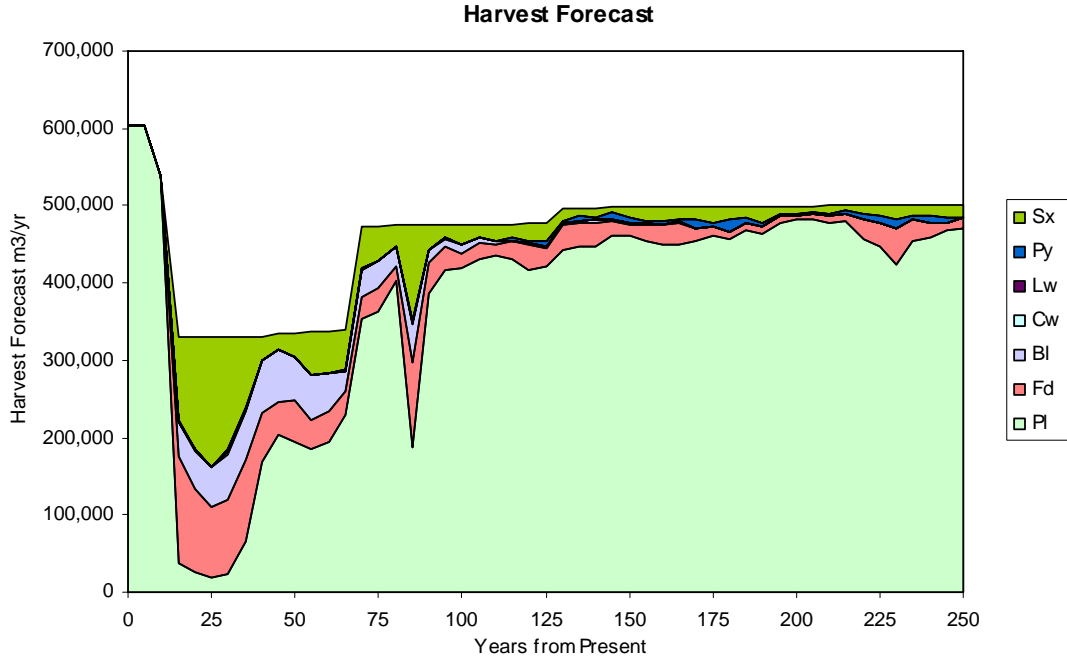


Figure 232. Rehab of Impacted Unsalvaged Stands projected tree species contribution to harvest

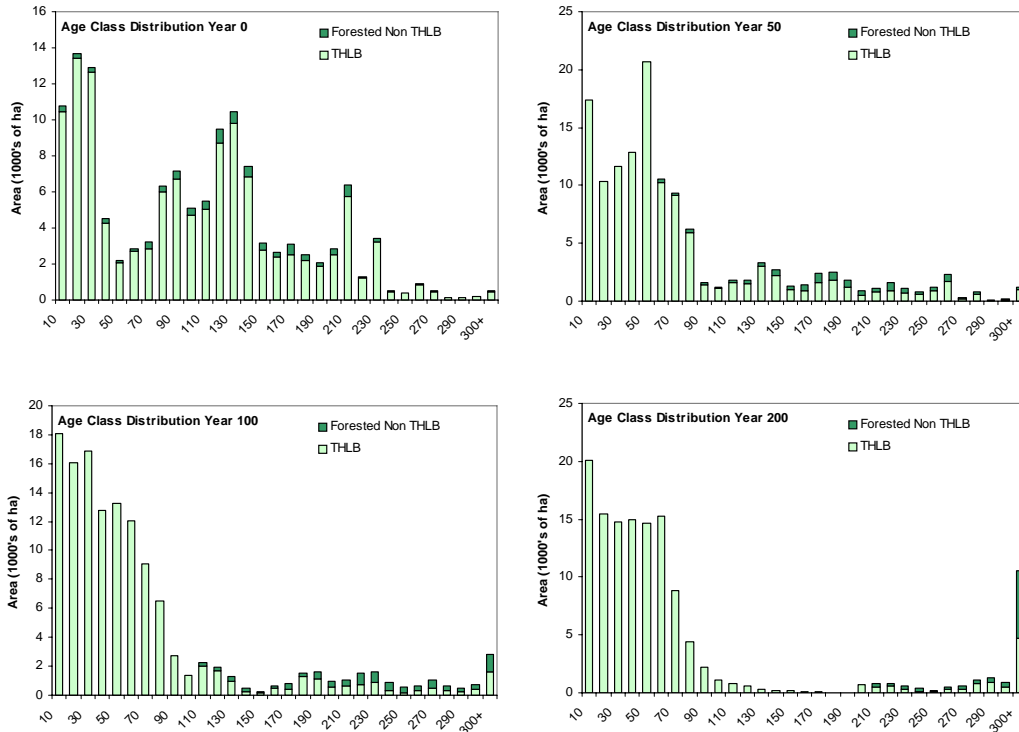


Figure 233. Rehab of Impacted Unsalvaged Stands projected Age Class Distribution 0,50,100, and 200 years into the future.

Economic Indicators

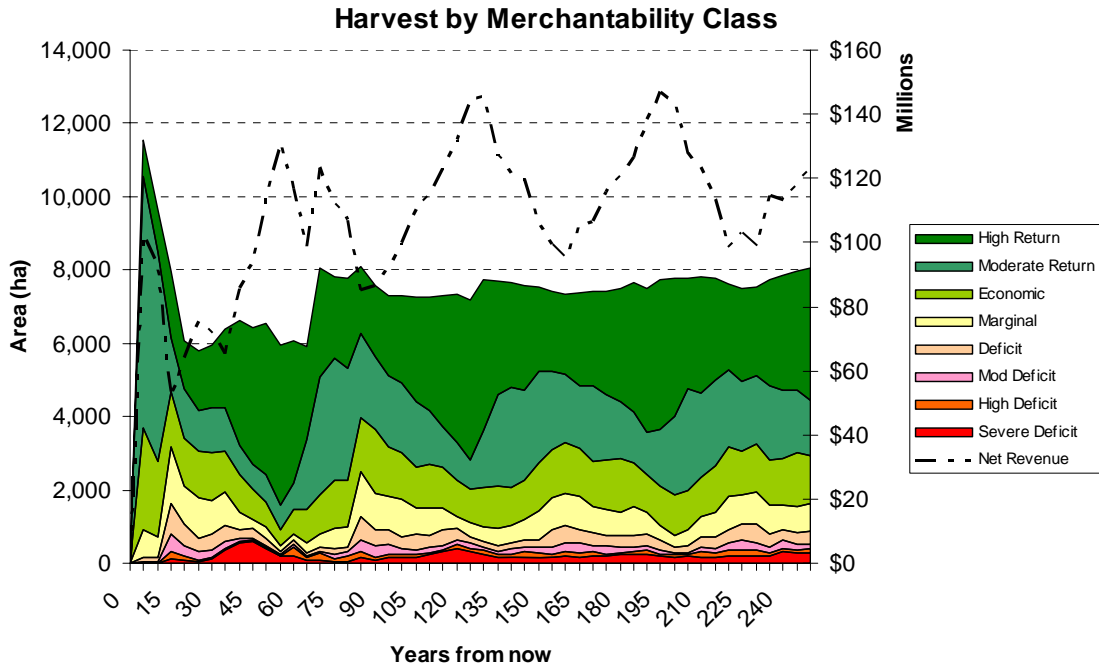


Figure 234. Rehab of Impacted Unsalvaged Stands projection of Harvest by Merchantability class.

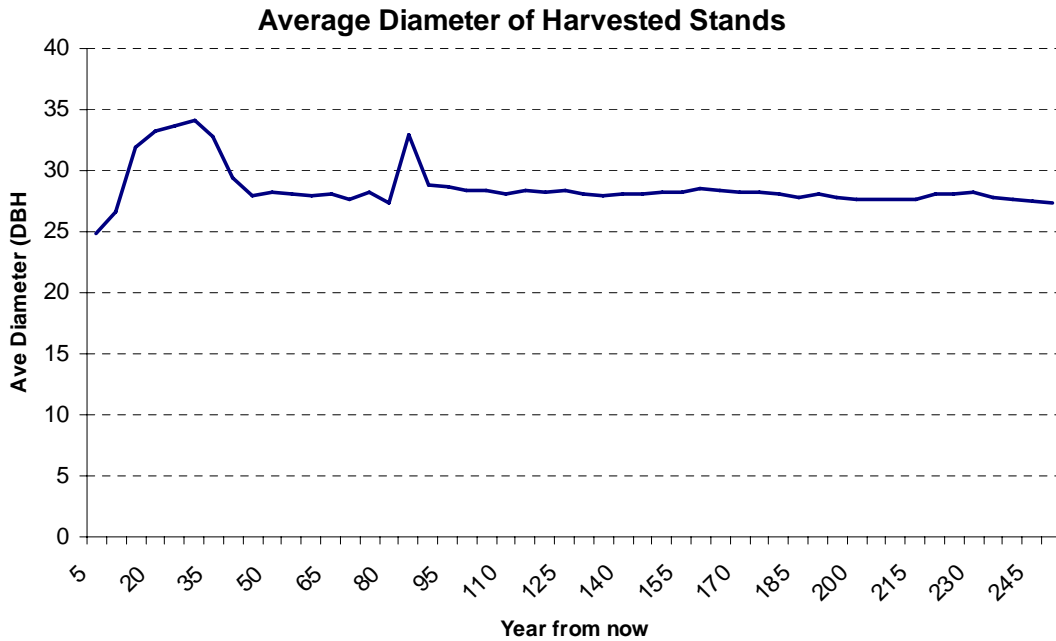


Figure 235. Rehab of Impacted Unsalvaged Stands projection of average diameter of harvested stands.

Watershed, Ecosystem, and Habitat Indicators

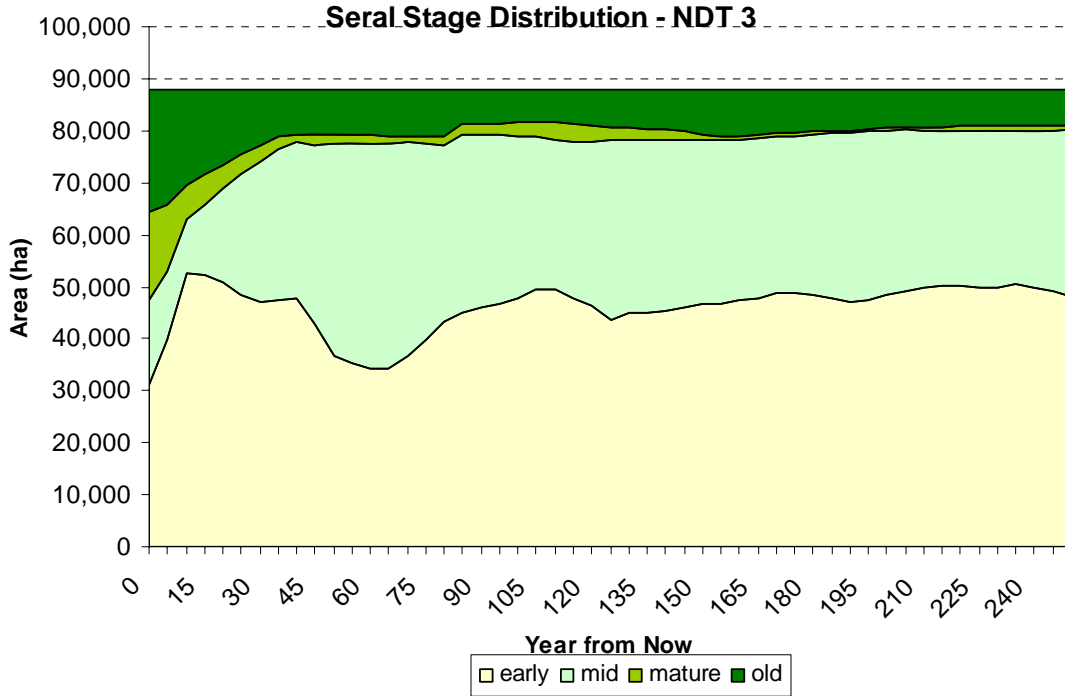


Figure 236. Rehab of Impacted Unsalvaged Stands Projection of seral stage distribution for NDT 3.

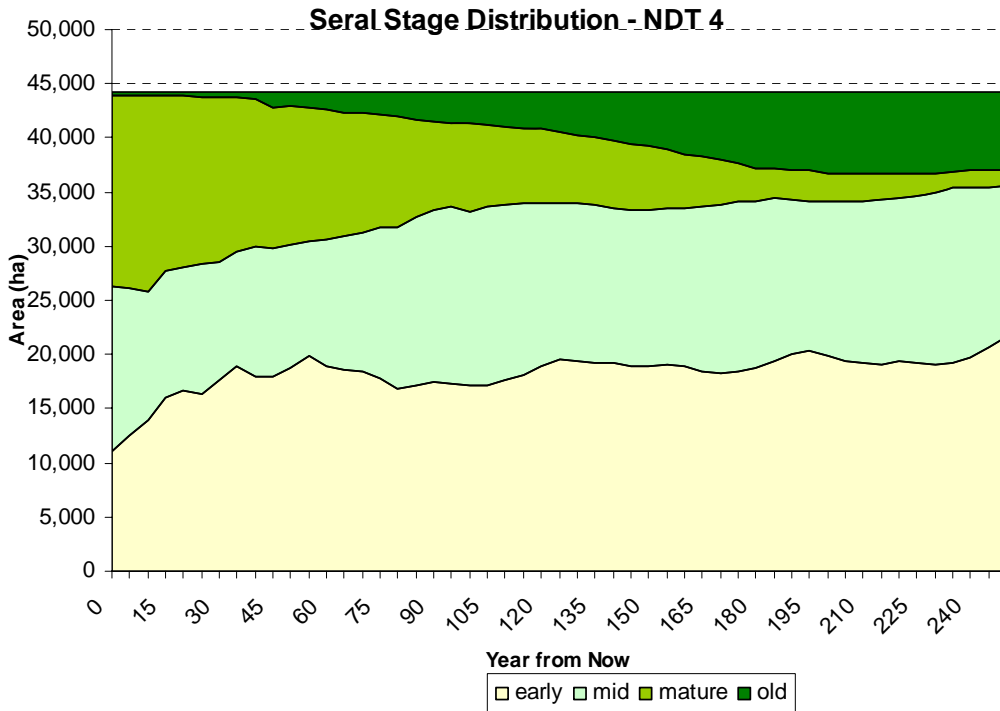


Figure 237. Rehab of Impacted Unsalvaged Stands Projection of seral stage distribution for NDT 4.

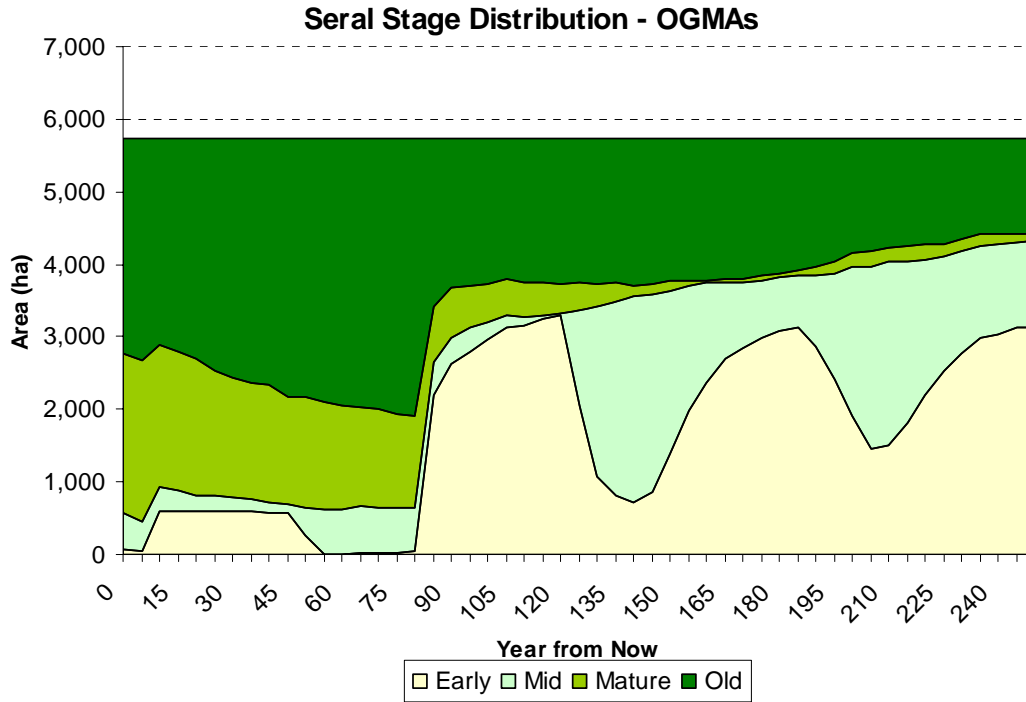


Figure 238. Rehab of Impacted Unsalvaged Stands - serai stage distribution for spatially explicit OGMAs.

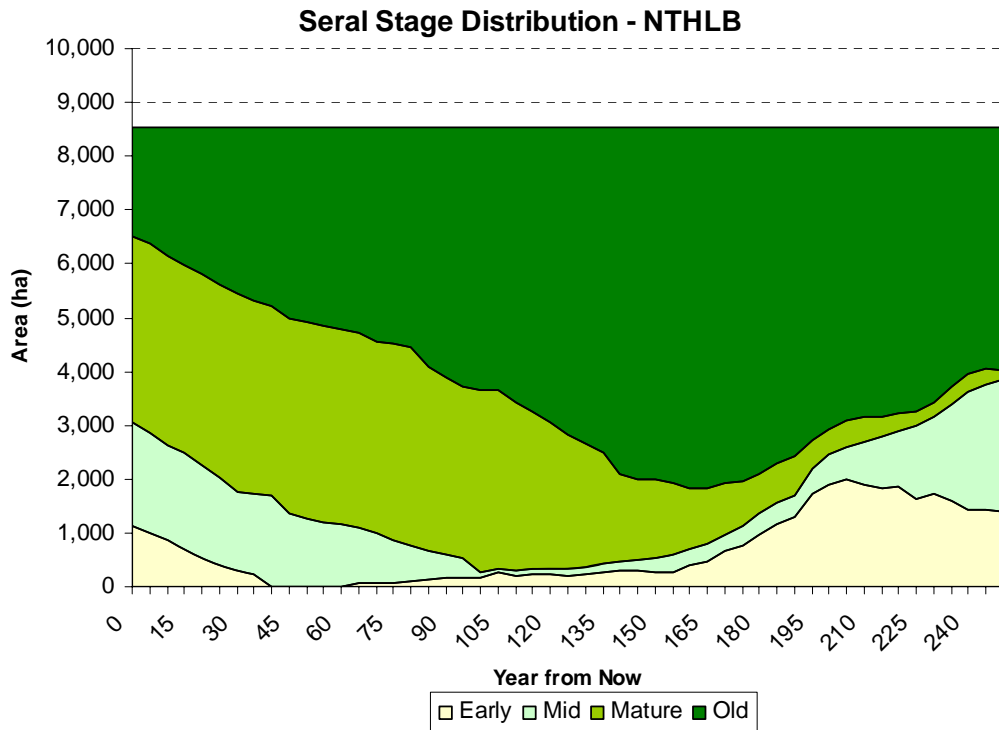


Figure 239. Rehab of Impacted Unsalvaged Stands Projection of serai stage distribution for the NTHLB.

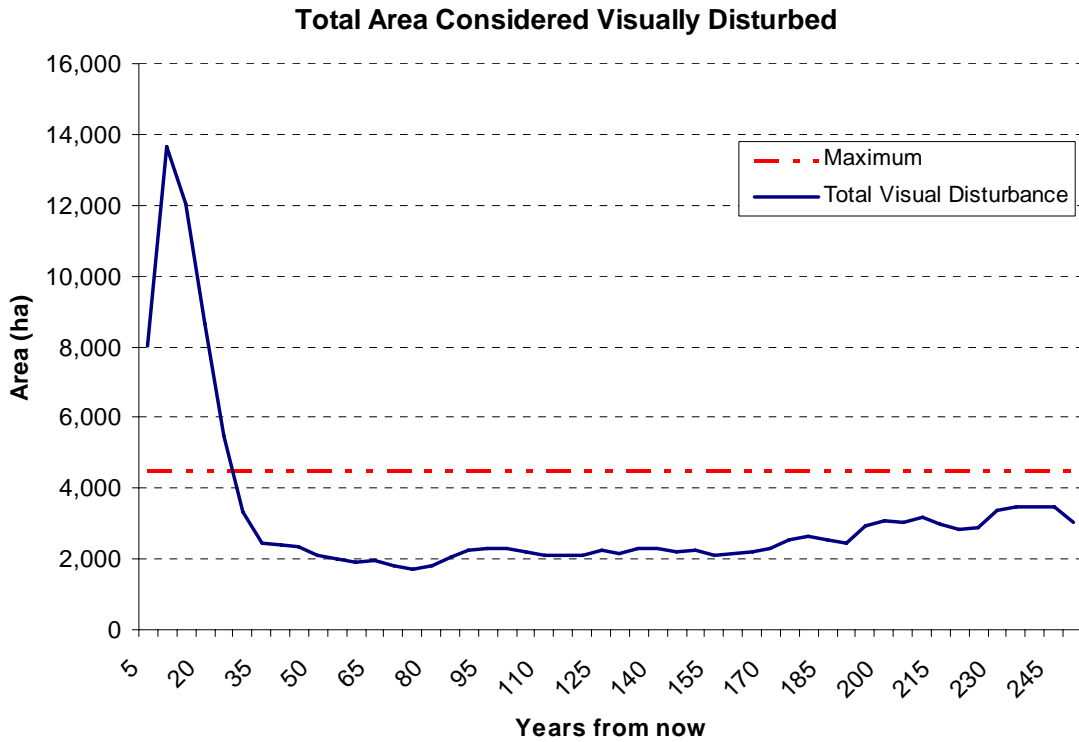


Figure 240. Rehab of Impacted Unsalvaged Stands projection of total area considered Visually Disturbed.

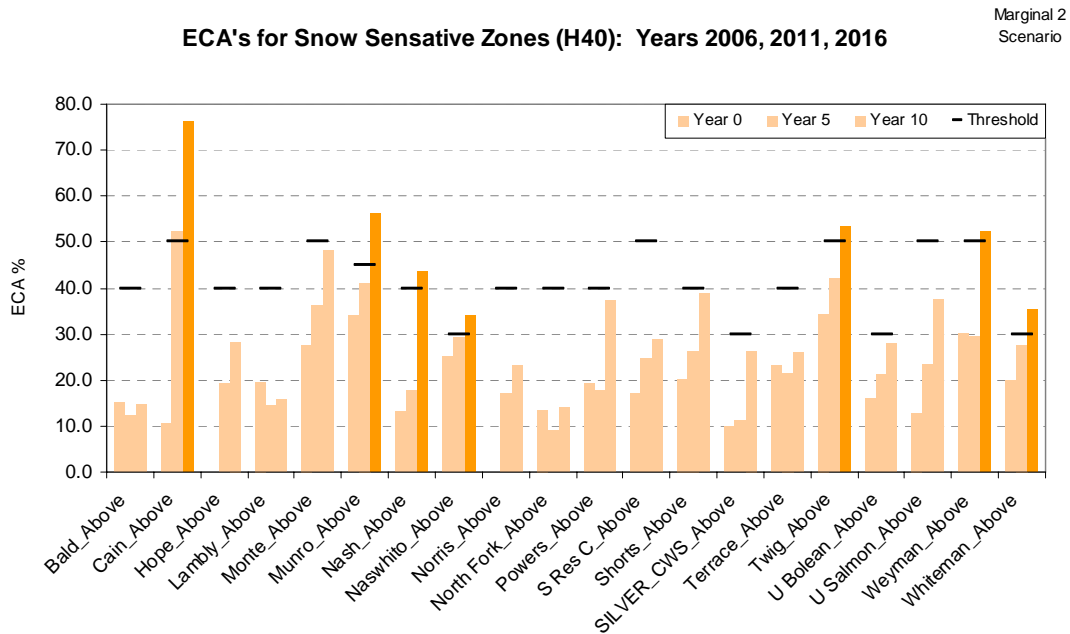


Figure 241. Rehab of Impacted Unsalvaged Stands ECA's for watershed above H40 (yrs 2006, 2011, 2016).

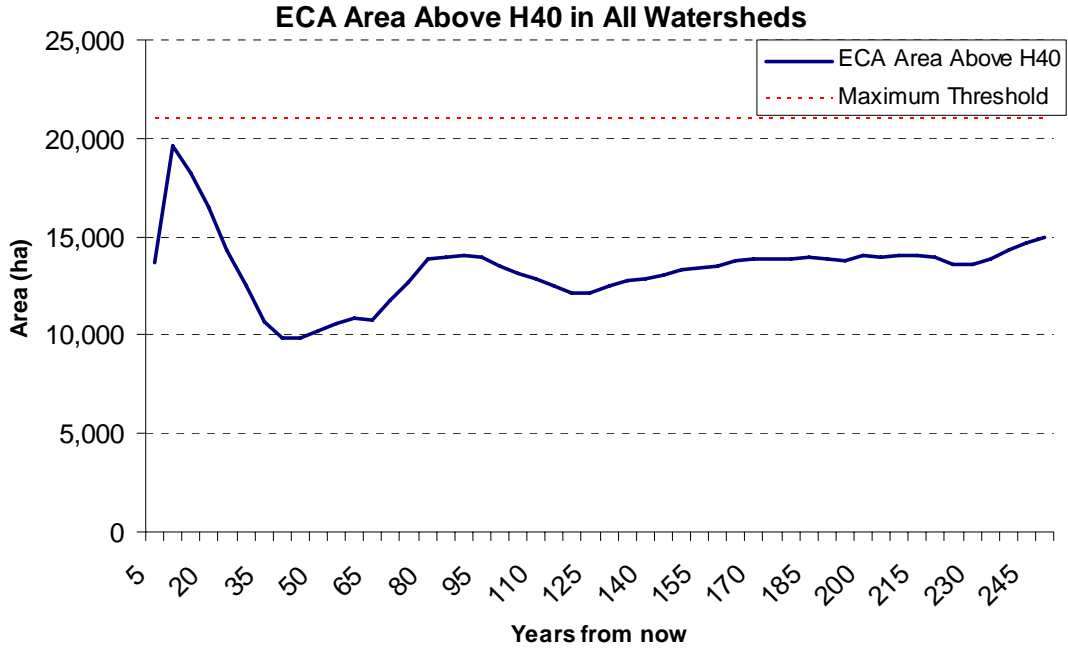


Figure 242. Rehab of Impacted Unsalvaged Stands Total ECA from all watersheds above H40.

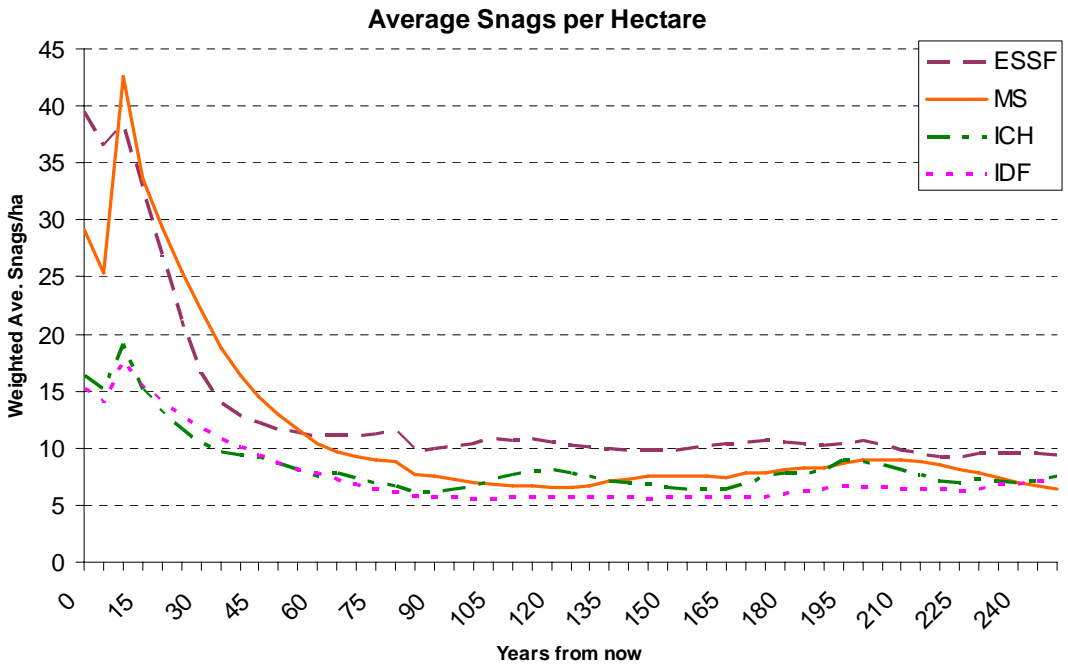


Figure 243. Rehab of Impacted Unsalvaged Stands projection of Average Snags per Hectare by BEC Zone

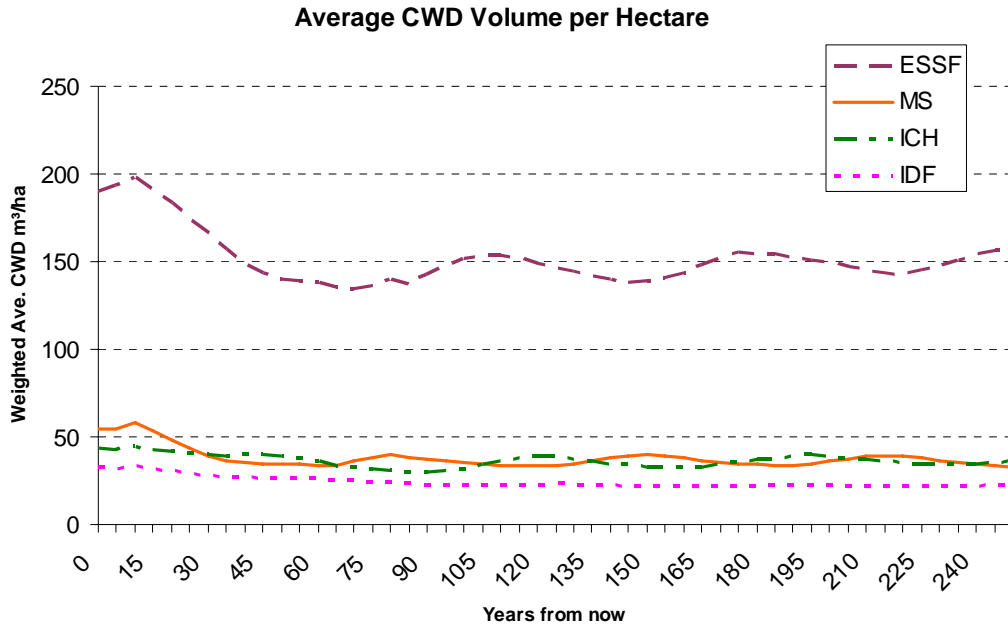


Figure 244. Rehab of Impacted Unsalvaged Stands projection of average CWD volume per hectare

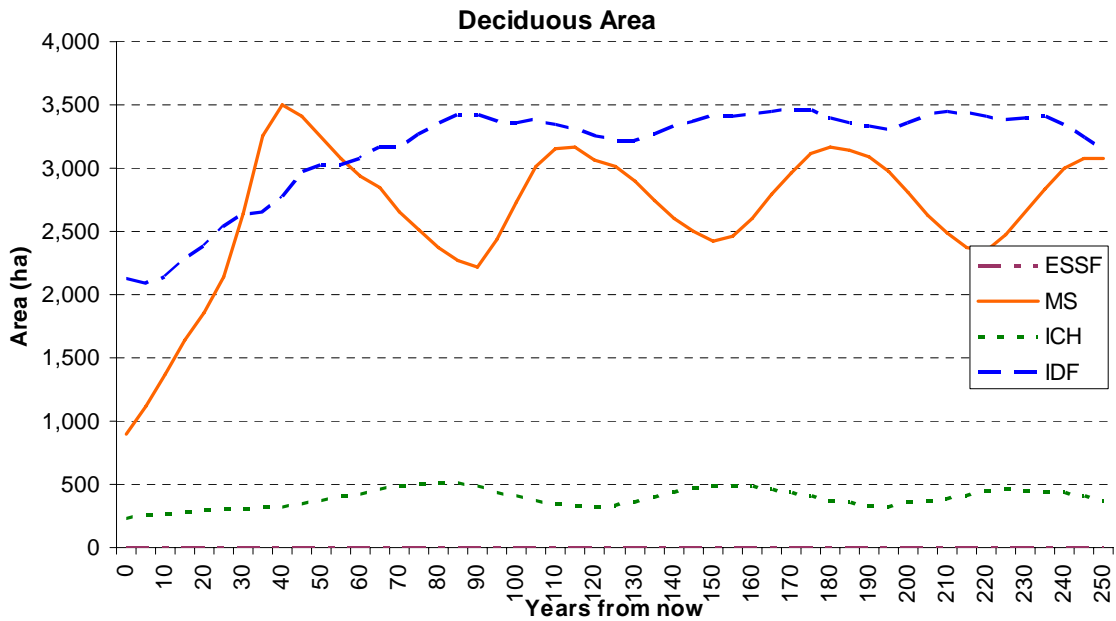


Figure 245. Rehab of Impacted Unsalvaged Stands projection of Deciduous area.

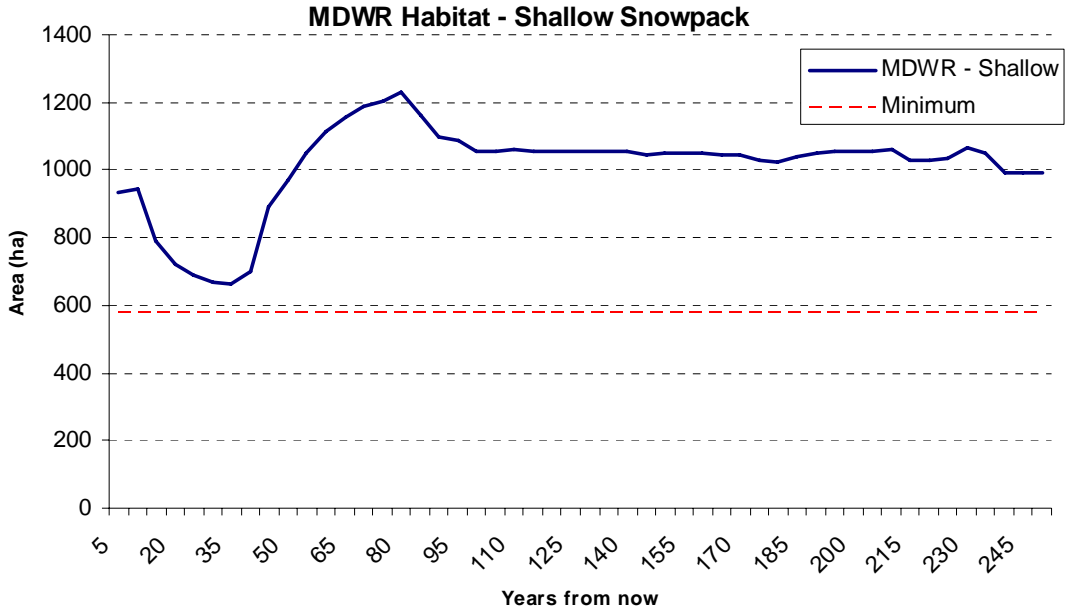


Figure 246. Rehab of Impacted Unsalvaged Stands projection of MDWR Habitat in the shallow snowpack zone.

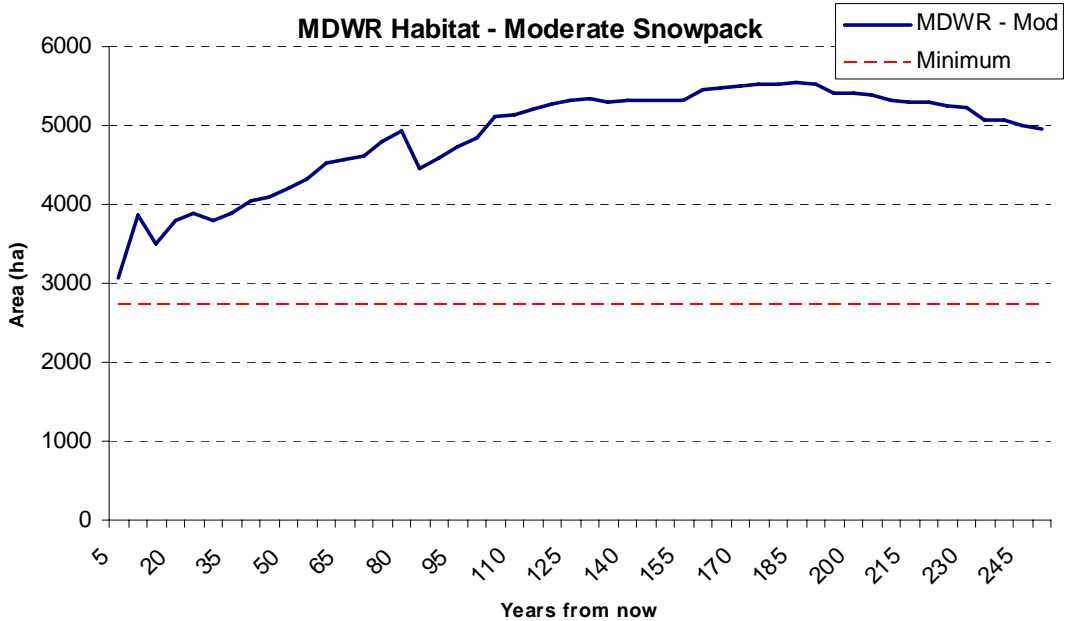


Figure 247. Rehab of Impacted Unsalvaged Stands projection of Moderate Snowpack MDWR Habitat.

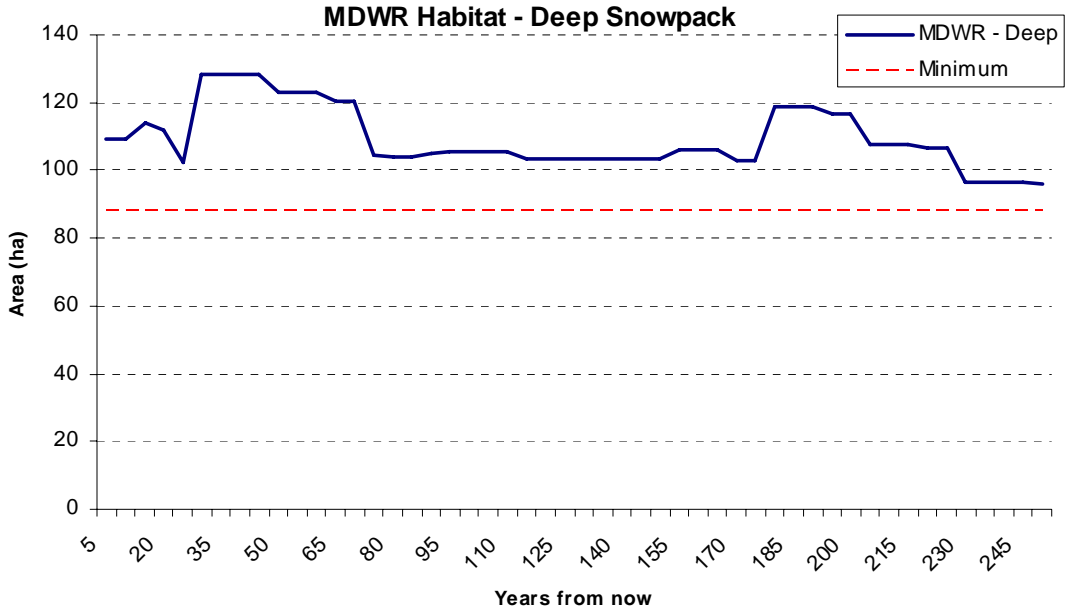


Figure 248. Rehab of Impacted Unsalvaged Stands projection of MDWR Habitat in the deep snowpack zone.

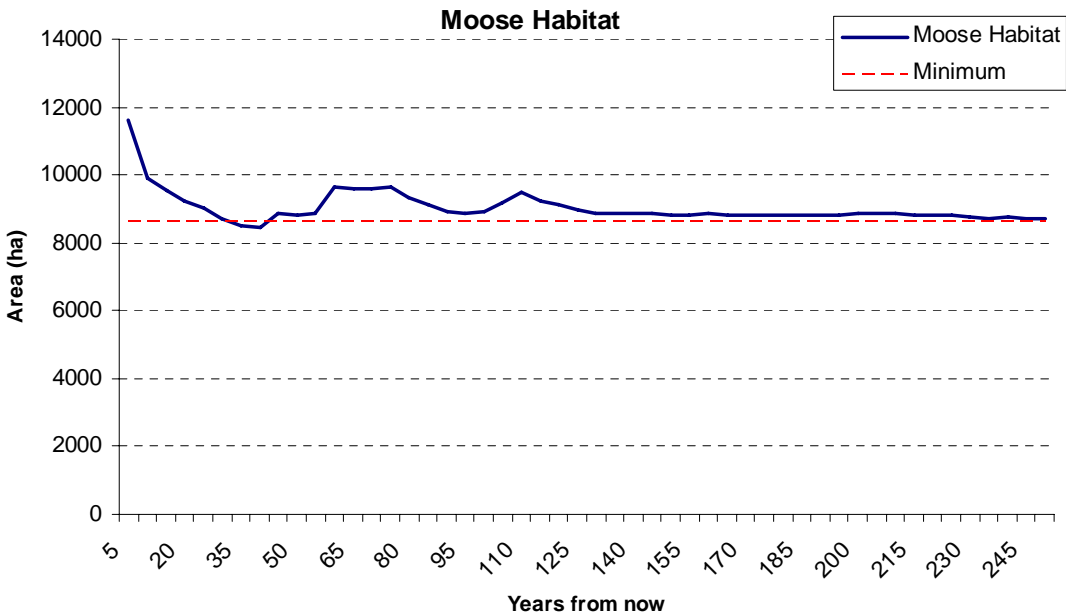


Figure 249. Rehab of Impacted Unsalvaged Stands projection of moose habitat.

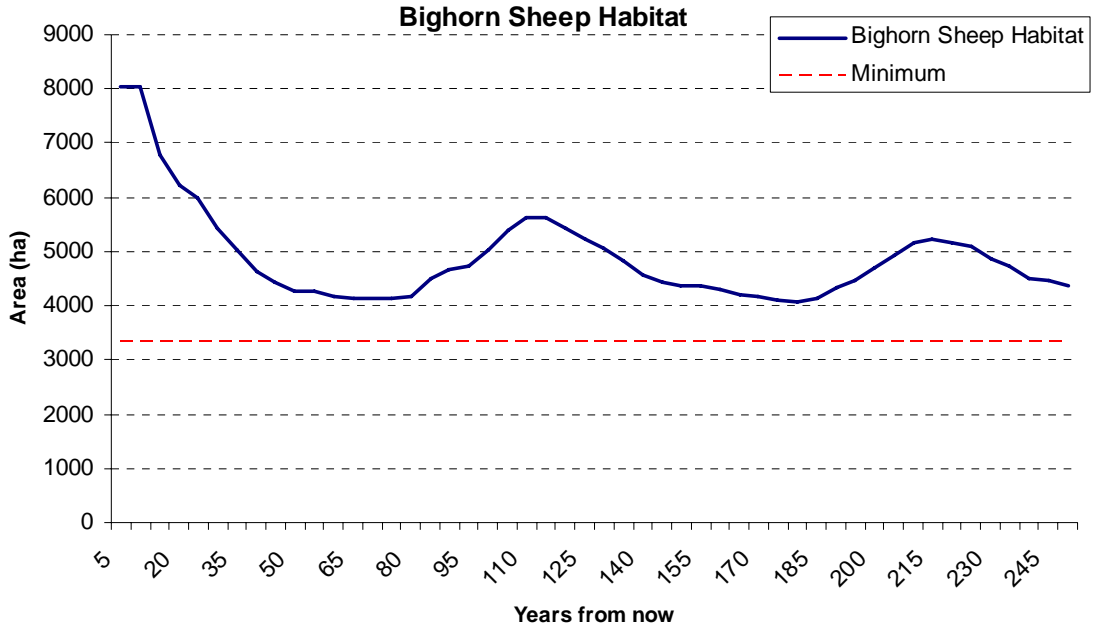


Figure 250. Rehab of Impacted Unsalvaged Stands projection of Bighorn Sheep Habitat.

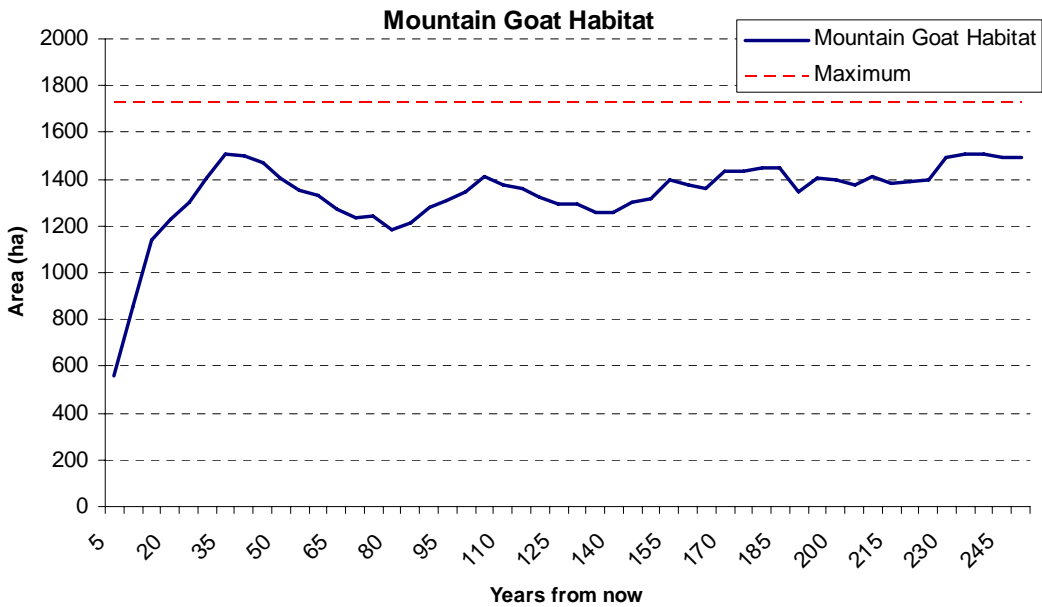


Figure 251. Rehab of Impacted Unsalvaged Stands projection of Mountain Goat Habitat (area <33yrs old).

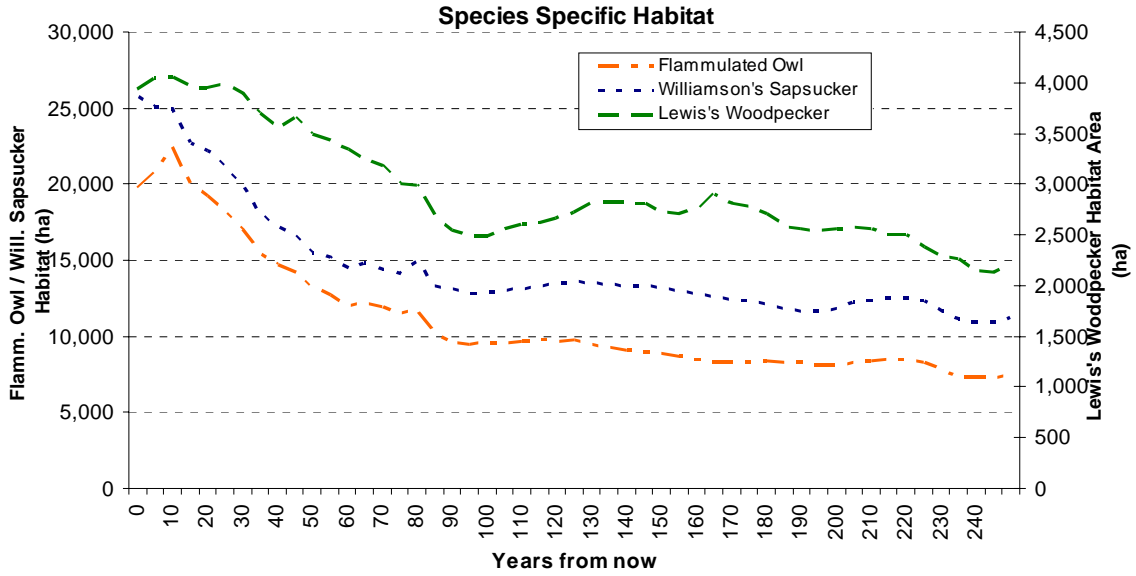


Figure 252. Rehab of Impacted Unsalvaged Stands projection of Species Specific Habitat for the Flammulated Owl, Williamson's Sapsucker, and Lewis's Woodpecker.

Extended Uplift

Timber Supply Indicators

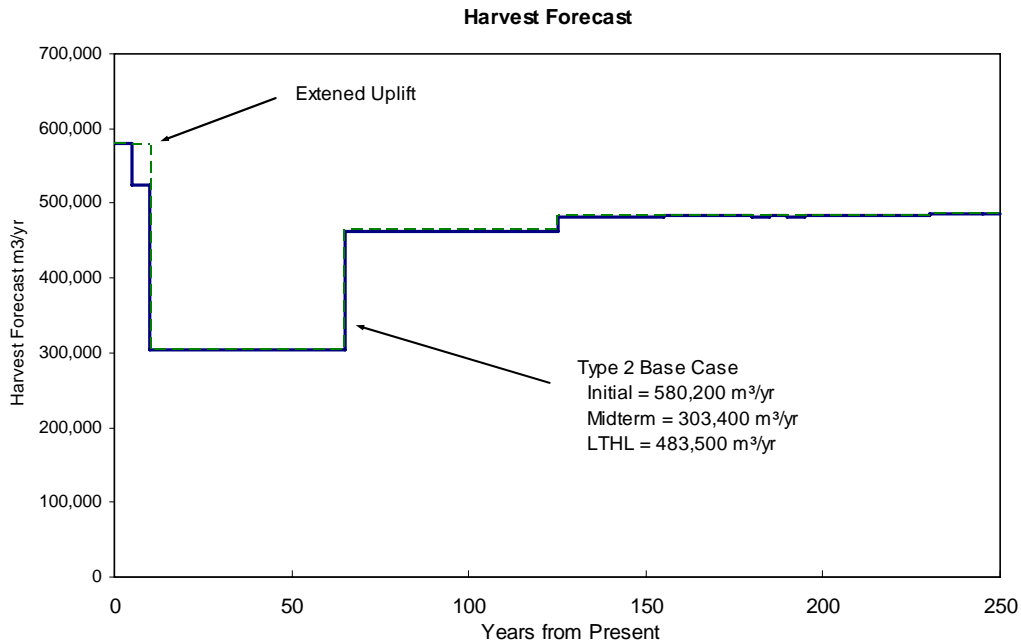


Figure 253. Extended Uplift harvest flow projection compared to Type 2 Revised Base Case.

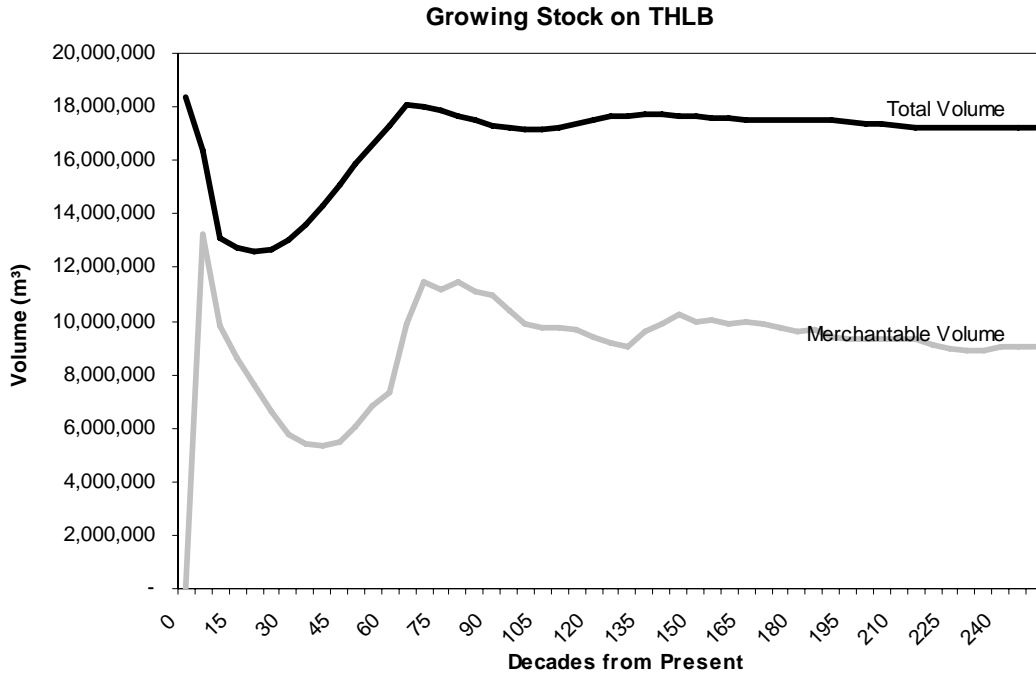


Figure 254. Extended Uplift merchantable and total growing stock (THLB).

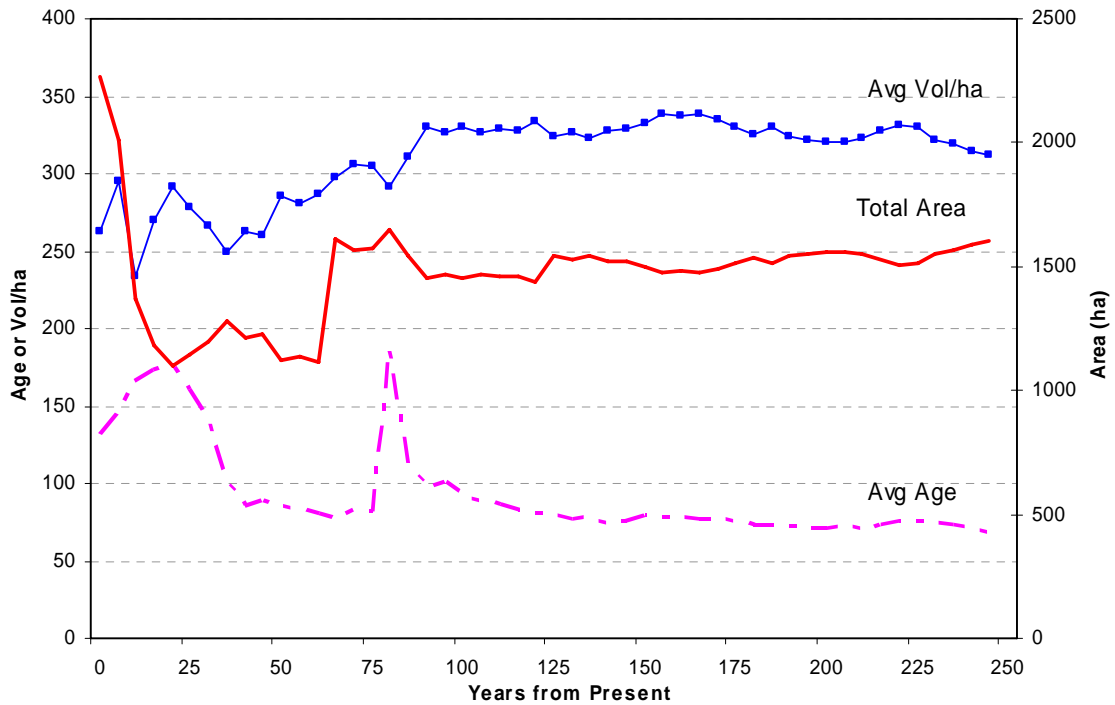


Figure 255. Extended Uplift average harvest age / volume / areas.

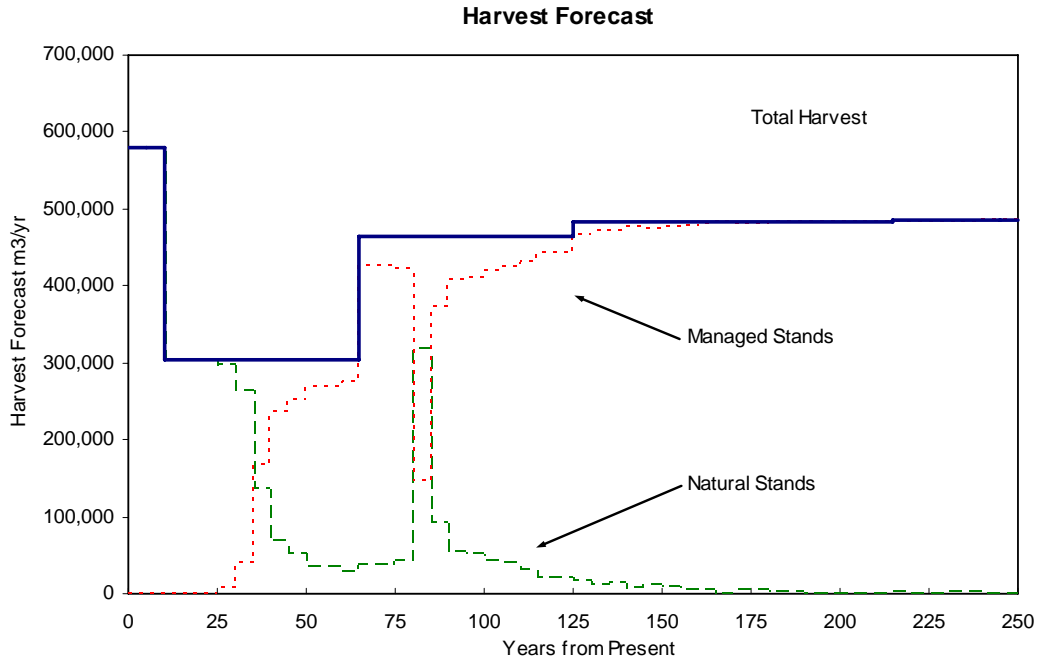


Figure 256. Extended Uplift transition of natural stands to managed stands.

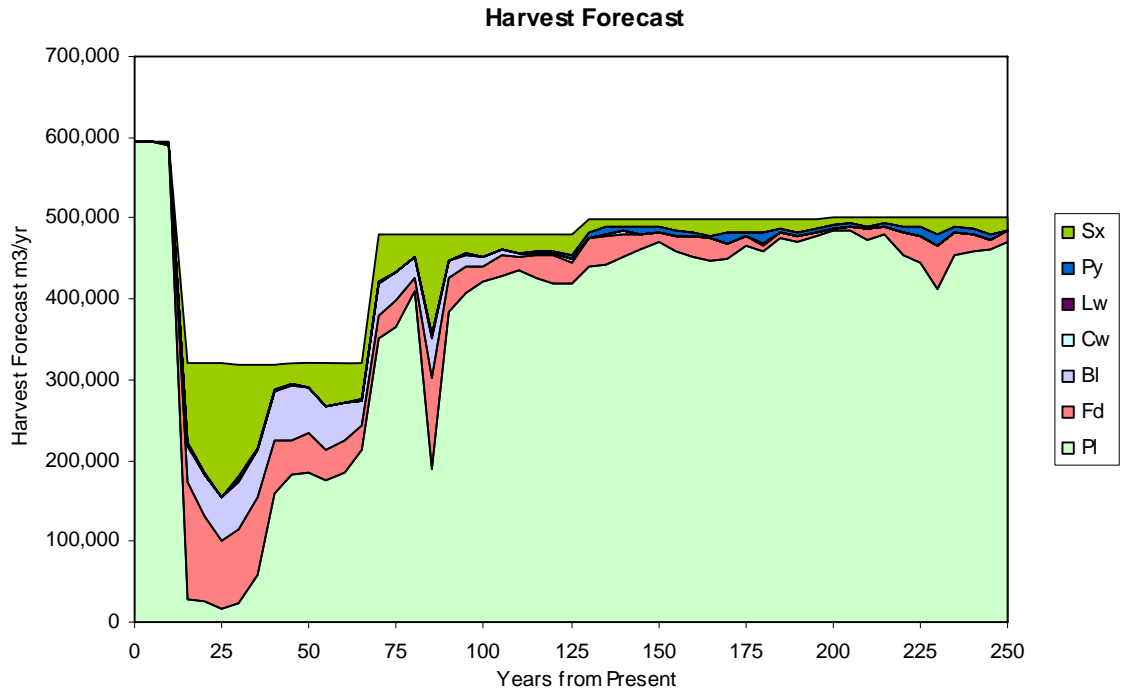


Figure 257. Extended Uplift projected tree species contribution to harvest

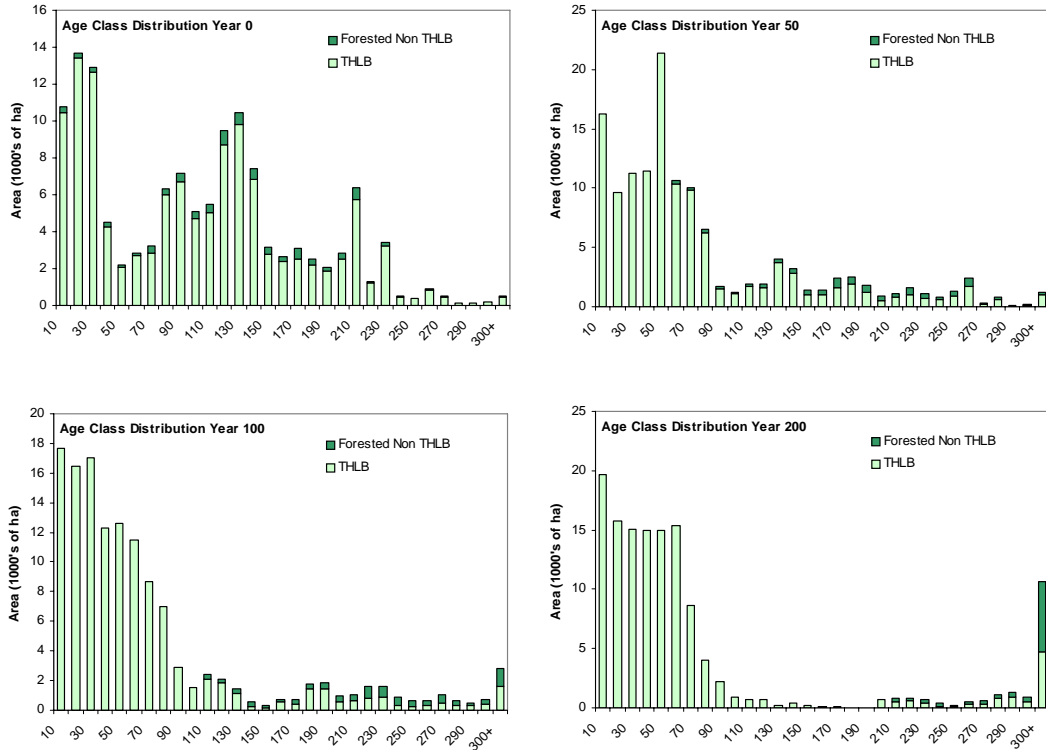


Figure 258. Extended Uplift projected Age Class Distribution 0,50,100, and 200 years into the future.

Economic Indicators

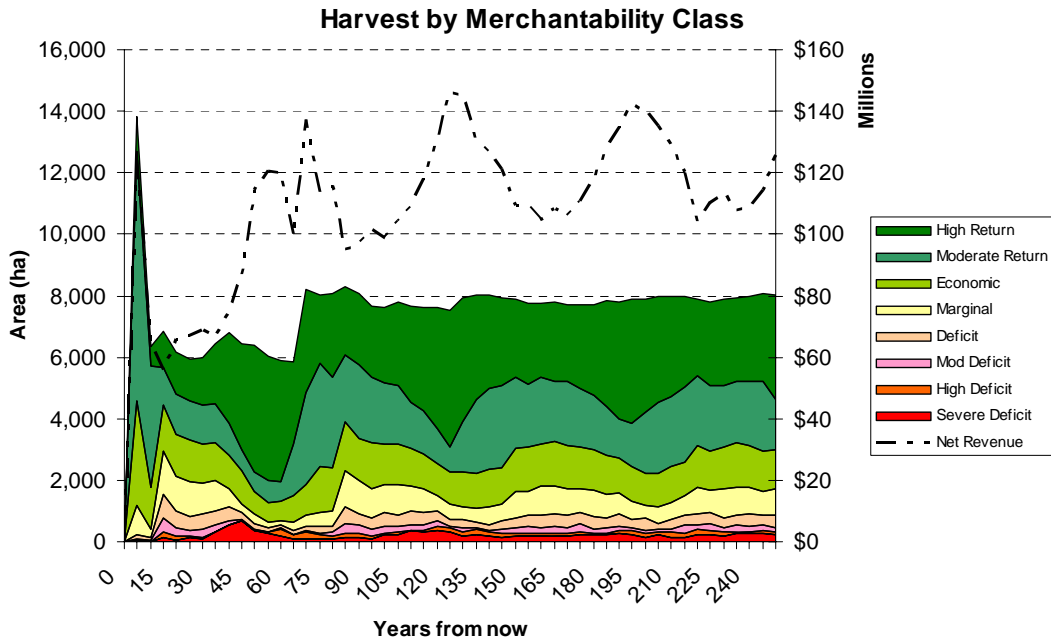


Figure 259. Extended Uplift projection of Harvest by Merchantability class.

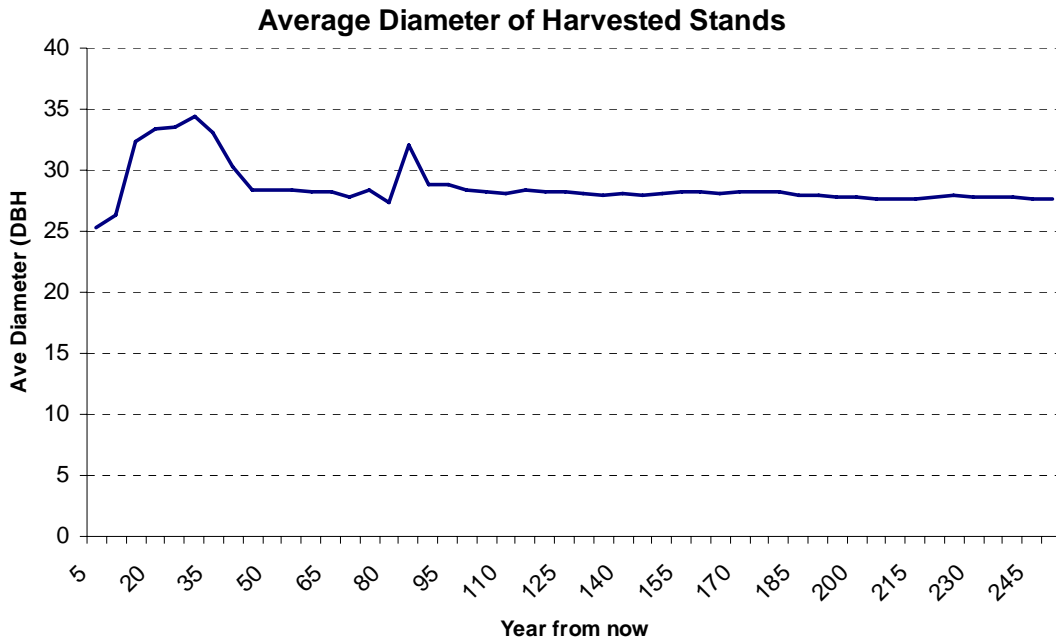


Figure 260. Extended Uplift projection of average diameter of harvested stands.

Watershed, Ecosystem, and Habitat Indicators

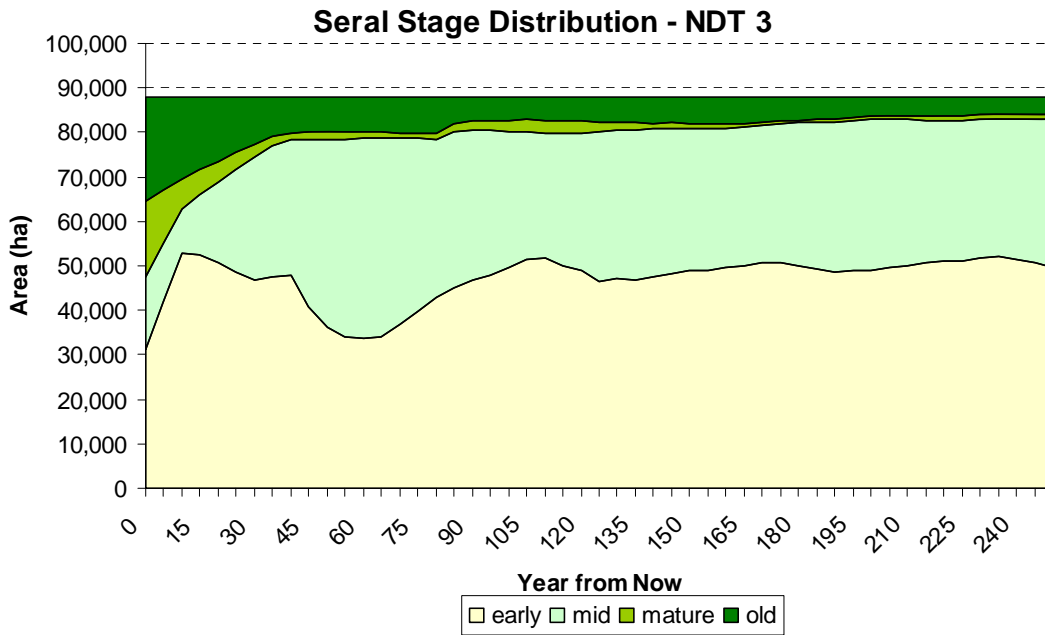


Figure 261. Extended Uplift Projection of seral stage distribution for NDT 3.

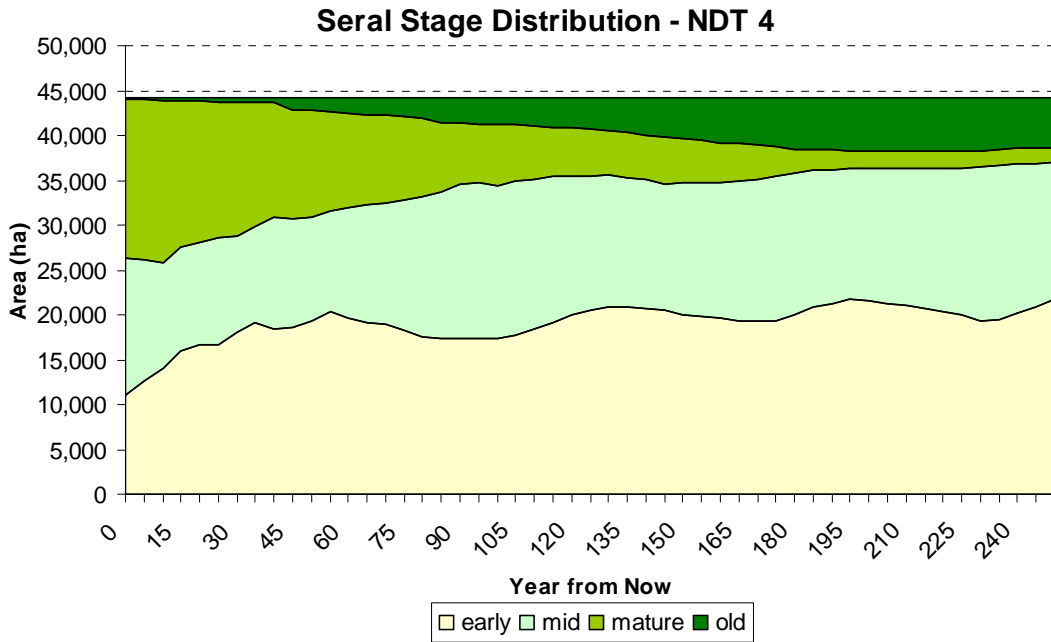


Figure 262. Extended Uplift Projection of serai stage distribution for NDT 4.

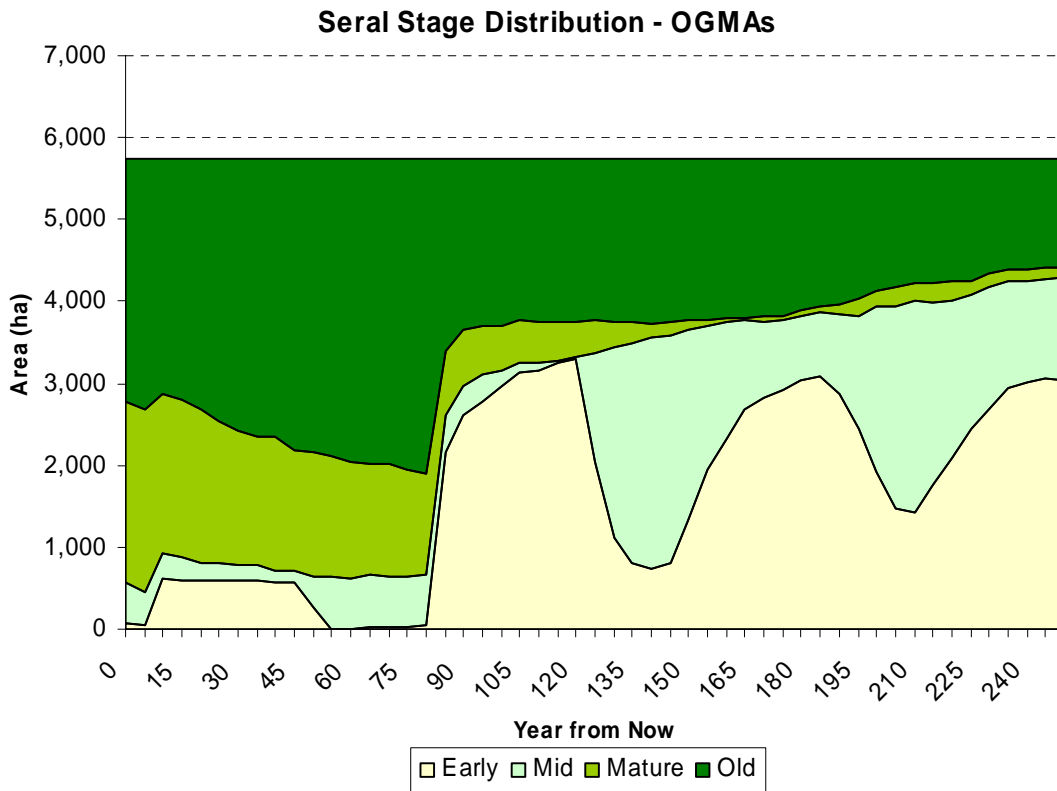


Figure 263. Extended Uplift serai stage distribution for spatially explicit OGMAs.

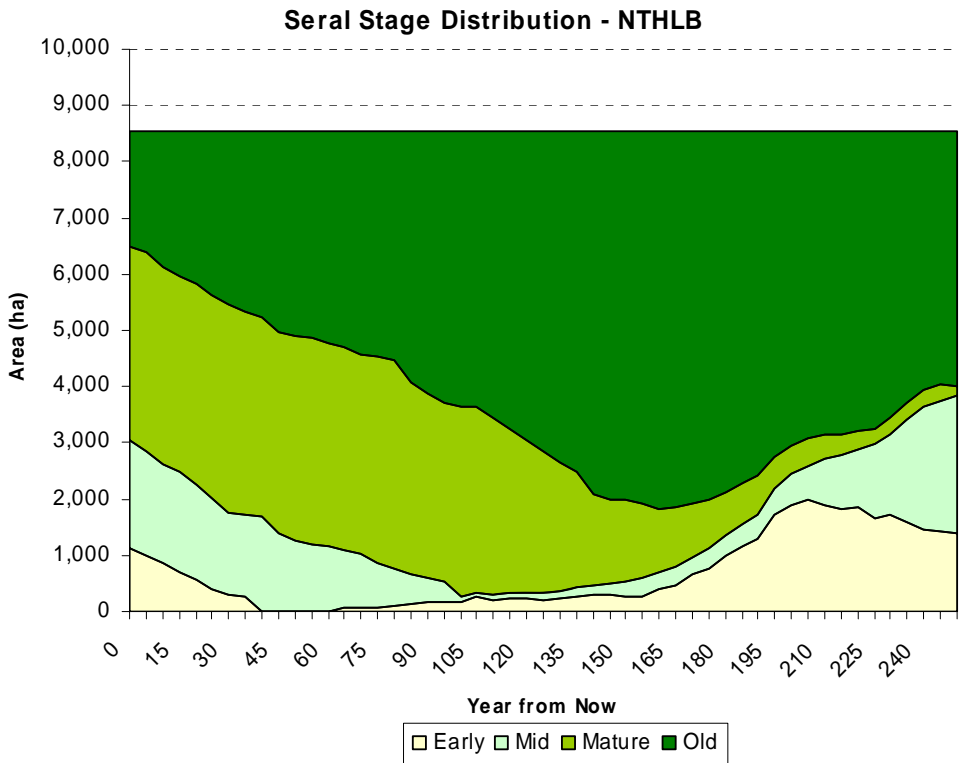


Figure 264. Extended Uplift Projection projection of seral stage distribution for the NTHLB.

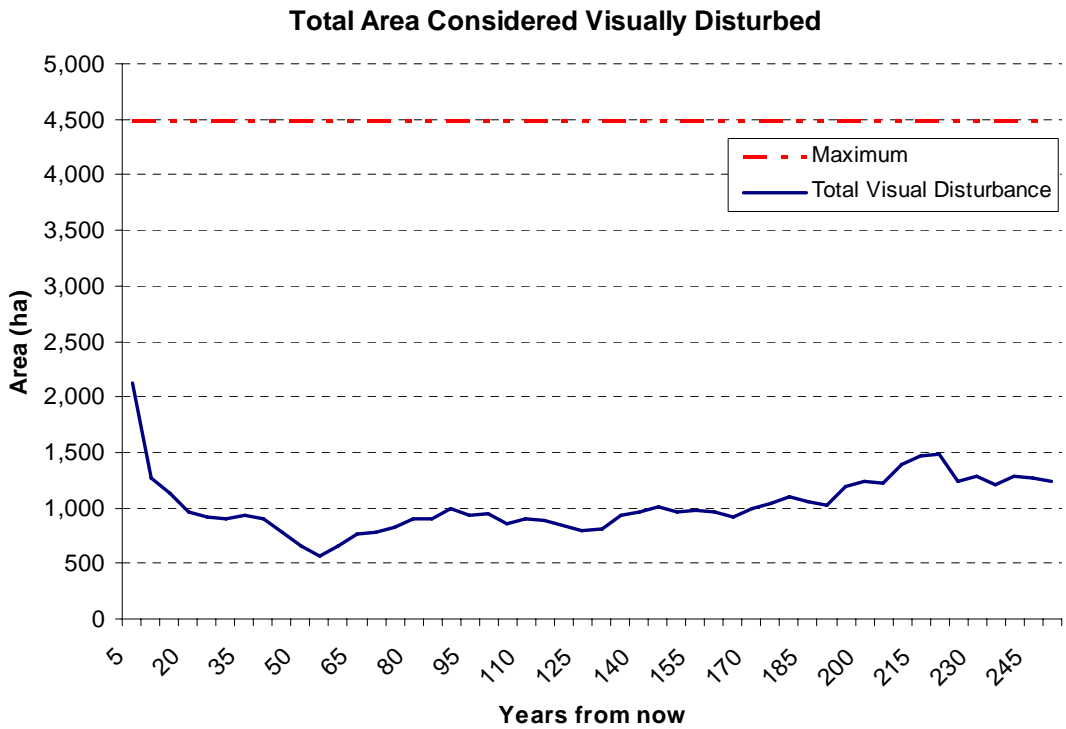


Figure 265. Extended Uplift projection of total area considered Visually Disturbed.

Uplift
Scenario

ECA's for Snow Sensitive Zones (H40): Years 2006, 2011, 2016

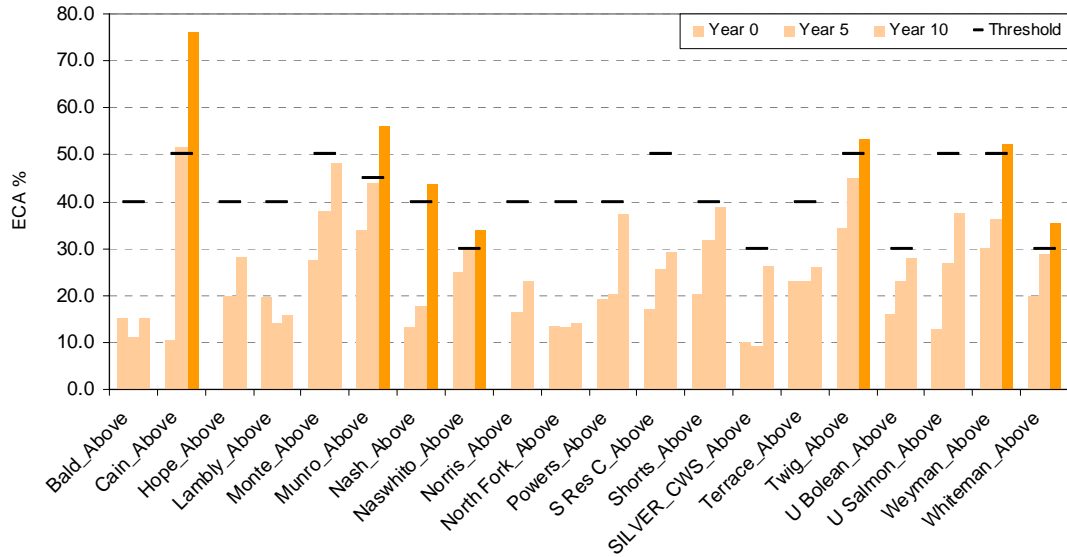


Figure 266. Extended Uplift ECA's for watershed above H40 (yrs 2006, 2011, 2016).

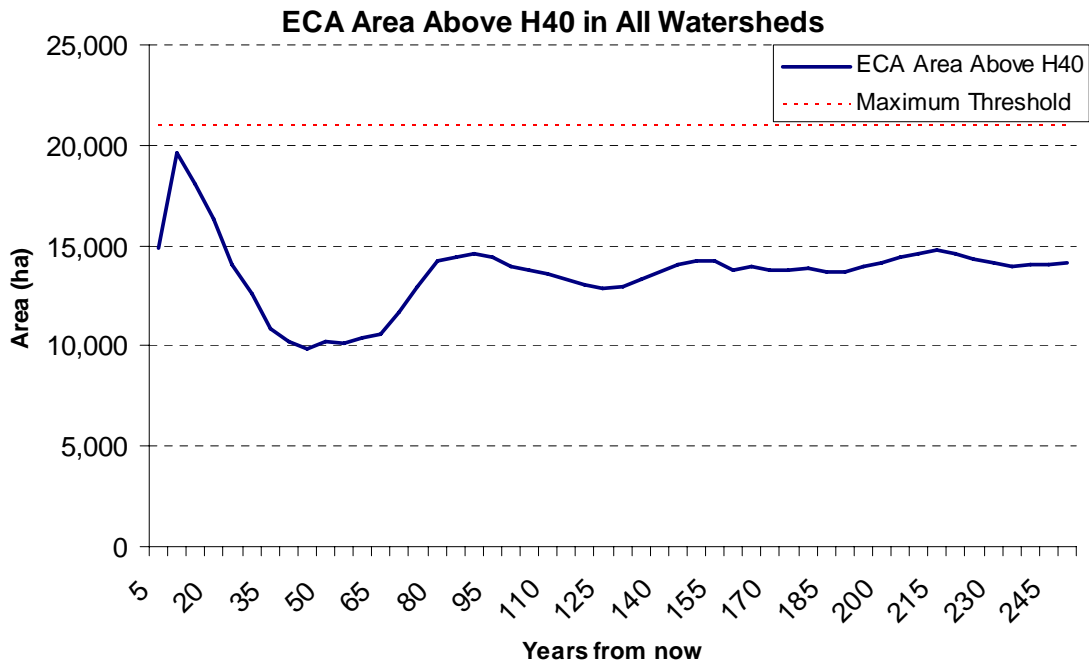


Figure 267. Extended Uplift Total ECA from all watersheds above H40.

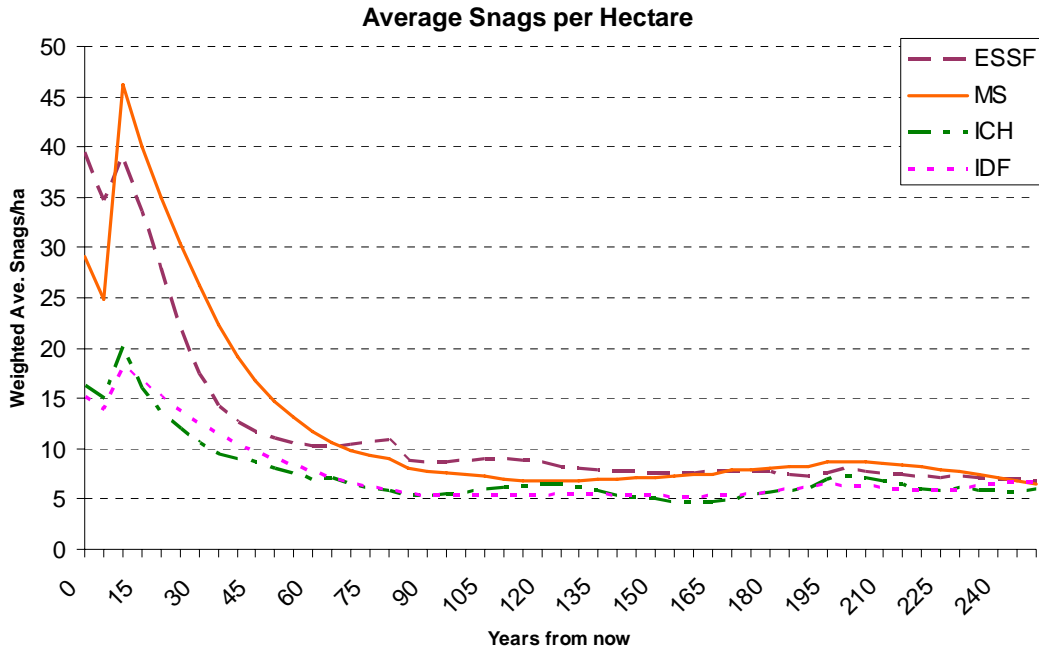


Figure 268. Extended Uplift projection of Average Snags per Hectare by BEC Zone

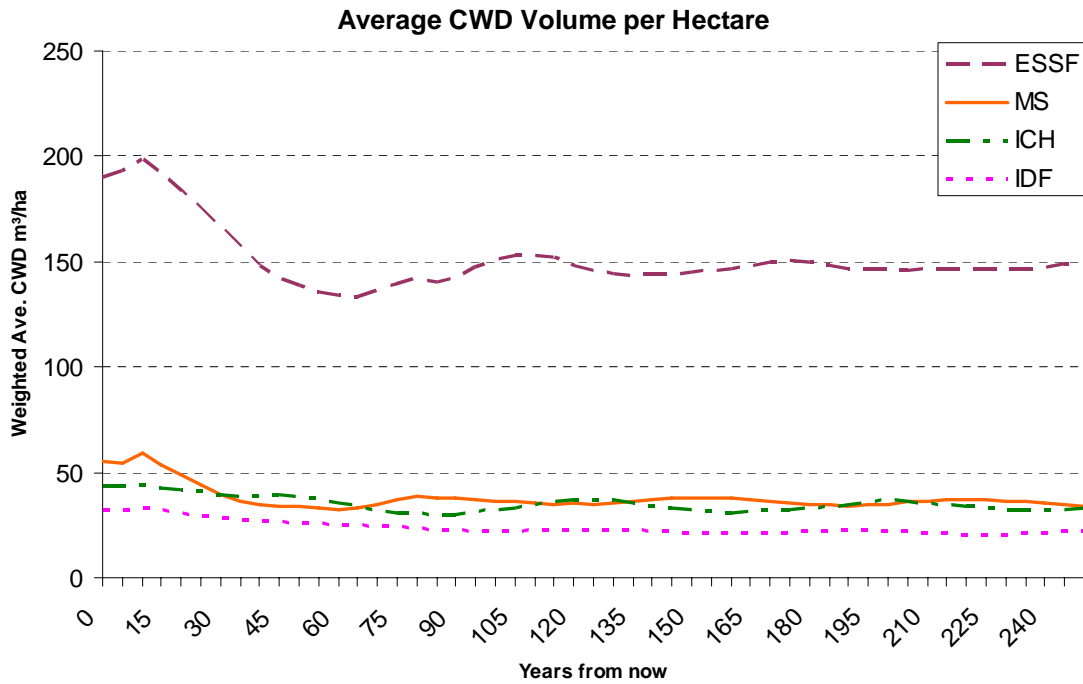


Figure 269. Extended Uplift projection of average CWD volume per hectare

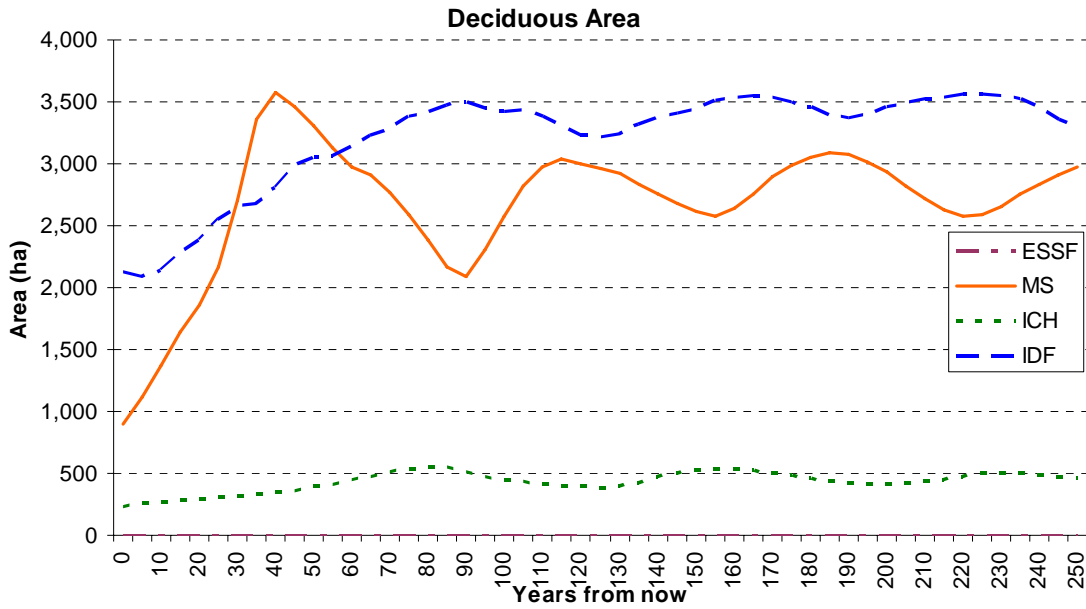


Figure 270. Extended Uplift projection of Deciduous area.

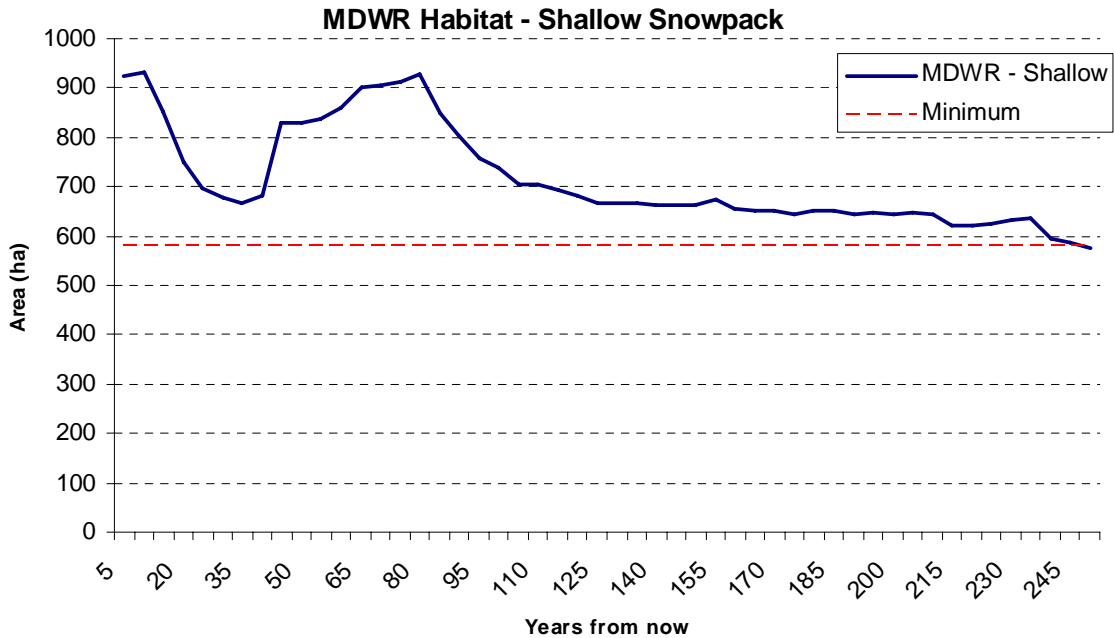


Figure 271. Extended Uplift projection of MDWR Habitat in the shallow snowpack zone.

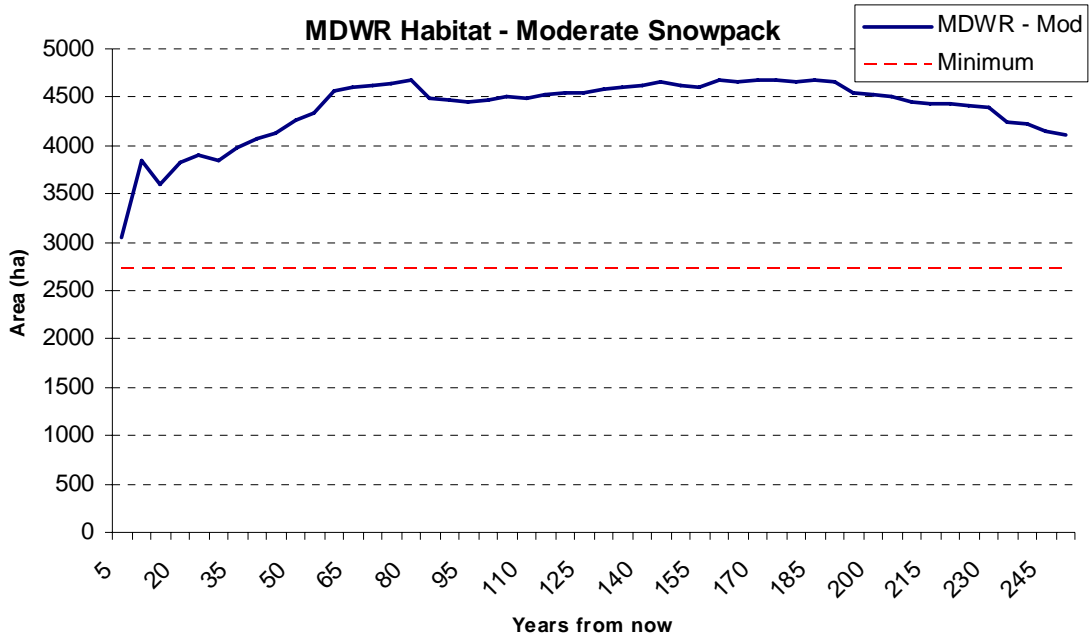


Figure 272. Extended Uplift projection of Moderate Snowpack MDWR Habitat.

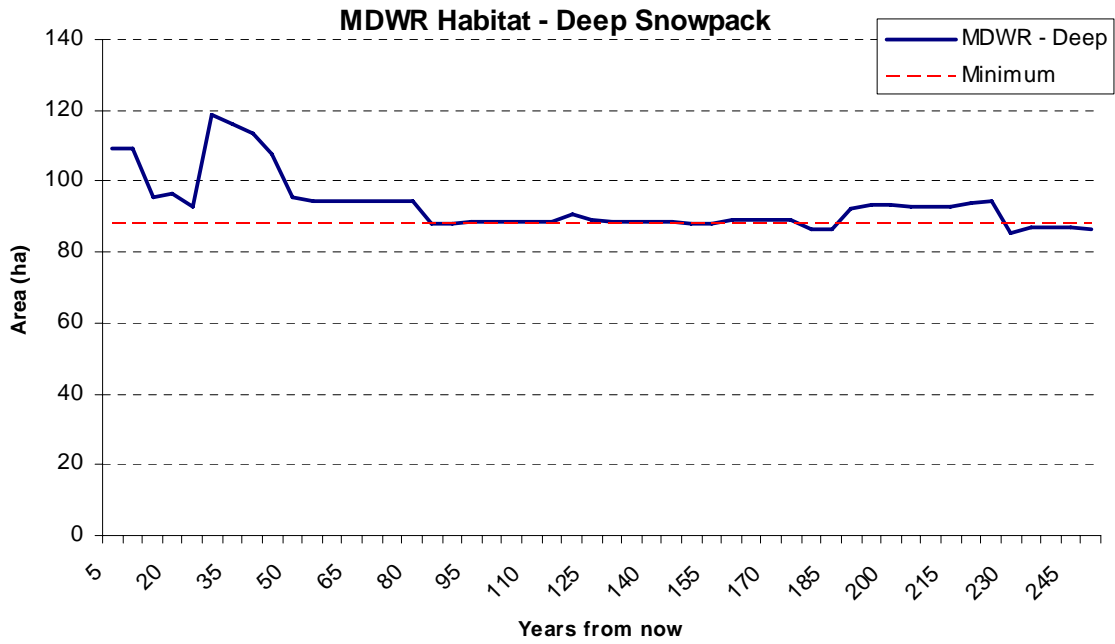


Figure 273. Extended Uplift projection of MDWR Habitat in the deep snowpack zone.

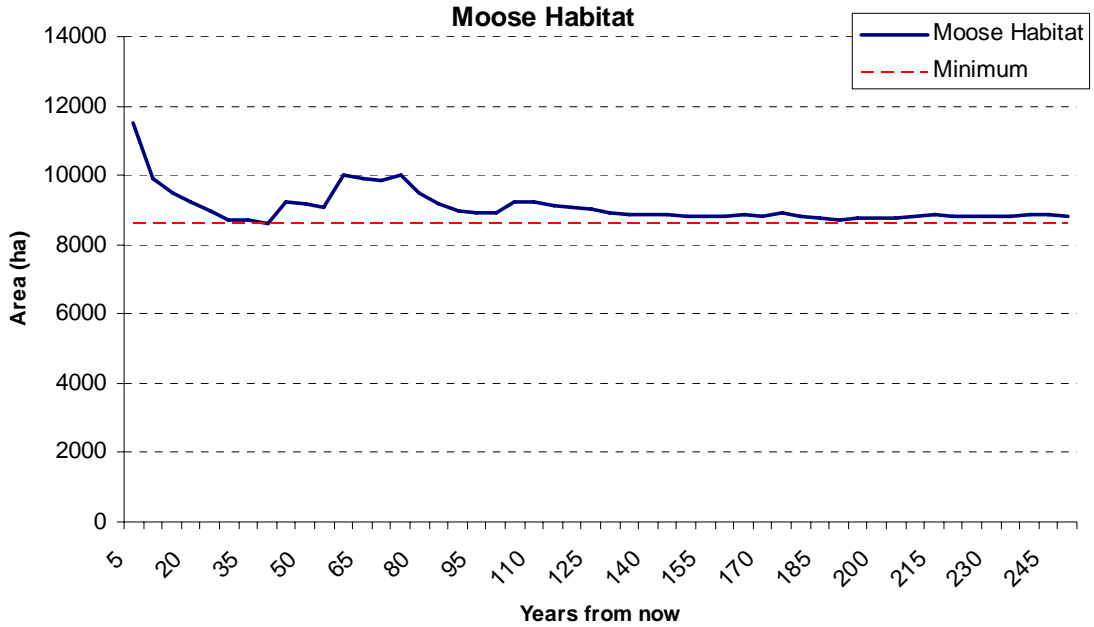


Figure 274. Extended Uplift projection of moose habitat.

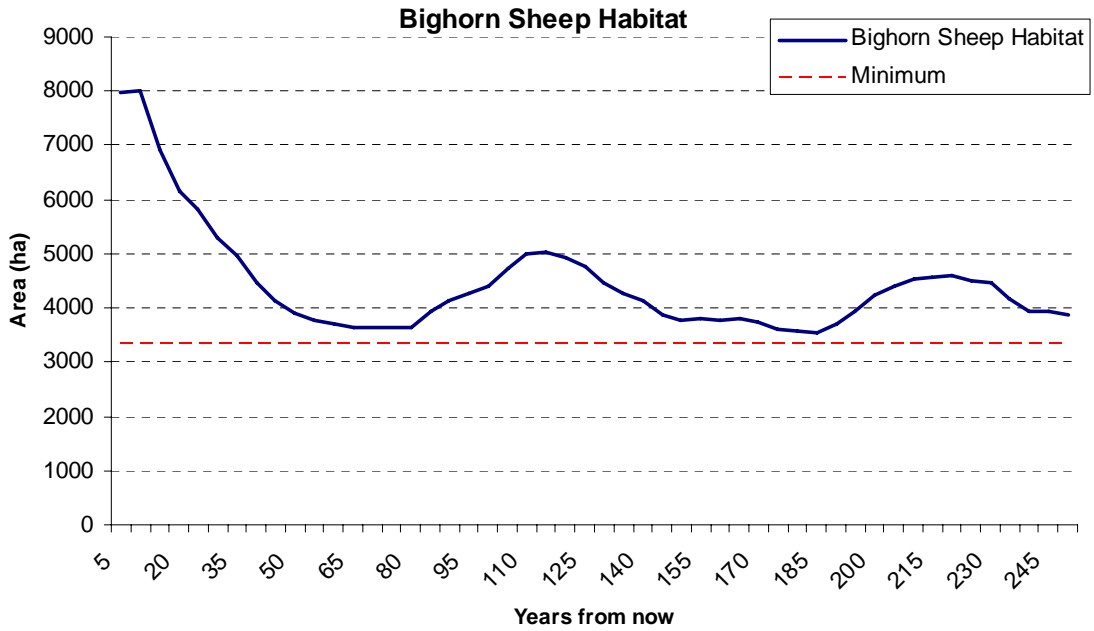


Figure 275. Extended Uplift projection of Bighorn Sheep Habitat.

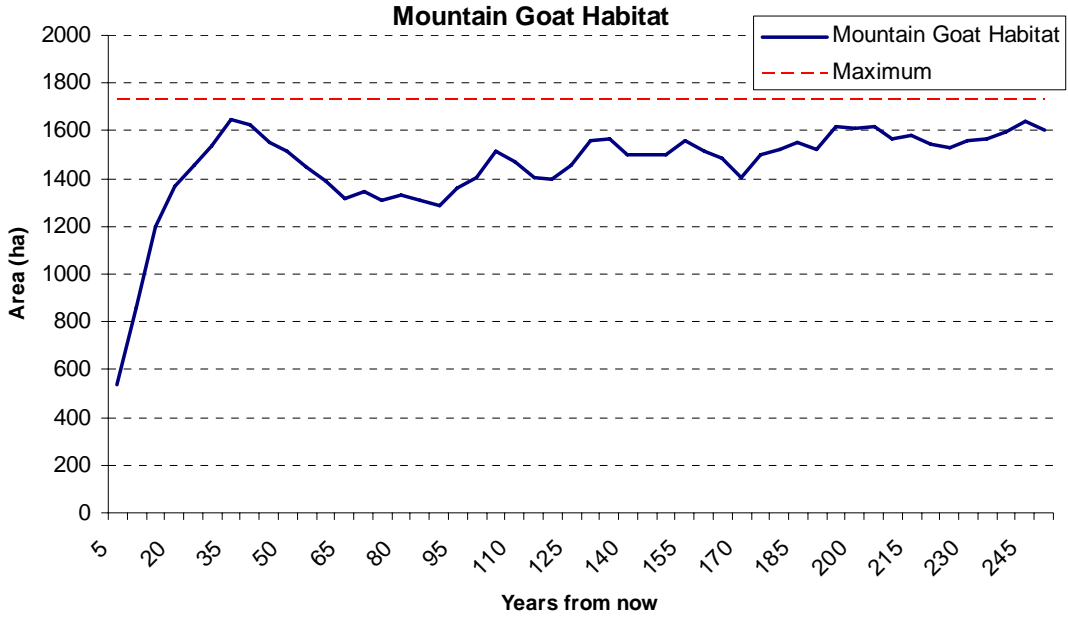


Figure 276. Extended Uplift projection of Mountain Goat Habitat (area <33yrs old).

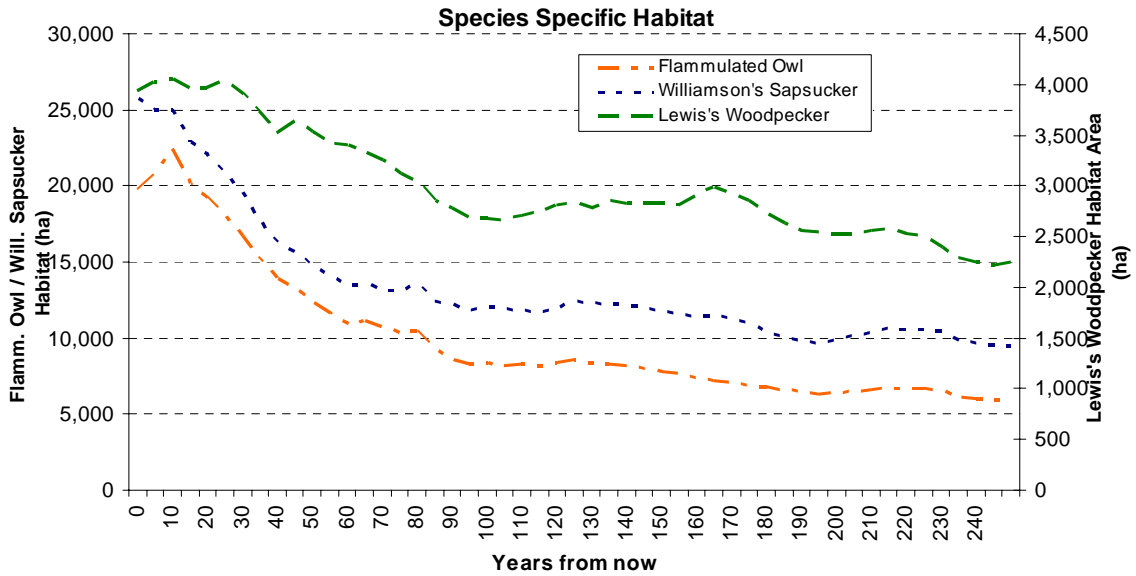


Figure 277. Extended Uplift projection of Species Specific Habitat for the Flammulated Owl, Williamson's Sapsucker, and Lewis's Woodpecker.